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BOWDOIN COLLEGE BULLETIN

CATALOGUE NUMBER

1909 1910

BRUNSWICK, MAINE
PUBLISHED BY THE COLLEGE SIX TIMES A YEAR, IN DECEMBER, FEBRUARY, APRIL, MAY, JUNE & JULY

DECEMBER, 1909

Entered as second-class matter, June 28, 1907, at the post office at Brunswick, Maine, under the Act of Congress of July 16, 1894.

CATALOGUE *of* BOWDOIN COLLEGE

& the Medical School of Maine

FOR THE YEAR 1909–1910

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BRUNSWICK, MAINE.

BRUNSWICK, MAINE

Printed for the College . MDCCCCIX

BOWDOIN COLLEGE BULLETIN, New Series, No. 24.

These publications include the Annual Catalogue of the College and of the Medical School of Maine; the Annual Report of the President, of the Treasurer, and of the Librarian; the Obituary Record; and the Bibliographical Contributions.

THE UNIVERSITY PRESS
CAMBRIDGE, MASS., U. S. A.

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Calendar

BOWDOIN COLLEGE

1909.

September 23 . . First Semester began — Thursday, 8.20 A. M.

Thanksgiving recess from 12.30 P. M. *November* 24 *to* 8.20 A. M. *November* 29.

Vacation from 4.30 P. M. *December* 23 *to* 8.20 A. M. *January* 4, 1910.

January 20 . . . Class of 1868 Prize Speaking — Thursday, 8 P. M.

Jan. 27 to Feb. 5. Examinations of the First Semester — Thursday to Saturday of the following week.

February 7 . . . Second Semester begins — Monday, 8.20 A.M.

February 22 . . . Washington's Birthday: a holiday — Tuesday.

Vacation from 4.30 P. M. *March* 25 *to* 8.20 A. M. *April* 5.

May 30 . . . . Memorial Day: a holiday — Monday.

June 3 . . . . Ivy Day Exercises — Friday.

June 9, 10 and 11. Examinations at Preparatory Schools — Thursday, Friday and Saturday.

June 9 to 18 . . Examinations of the Second Semester, Thursday to Saturday of the following week.

June 19 . . . . Baccalaureate Sermon — Sunday, 4 P. M.

June 20 . . . . Alexander Prize Speaking — Monday, 8 P. M.

June 21 . . . . Class Day Exercises — Tuesday, 10 A. M., 3 P. M. and 8 P. M.

Meeting of the Trustees, 2 P. M., Classical Room, Hubbard Hall.

Meeting of the Maine Historical Society, 2 P. M., Lecture Room, Hubbard Hall.

Meeting of the Overseers, 7 P. M., Lecture Room, Hubbard Hall.

June 22 . . . . Commencement Exercises of the Medical School — Wednesday, 10 A. M., Church.

Annual Meeting of the Phi Beta Kappa Society, 11 A. M., Alumni Room, Hubbard Hall.

The President's Reception — 8 to 11 P. M., Hubbard Hall.

June 23 . . . . Annual Meeting of the Alumni Association — Thursday, 9 A. M.

The Commencement Exercises of the College, 10.30 A. M.

Commencement Dinner — 12.30 P. M.

June 23, 24 and 25 . Entrance Examinations in Brunswick — Thursday to Saturday.

Summer Vacation of Thirteen Weeks.

Sept. 19 to 21 . . Entrance Examinations in Brunswick — Monday to Wednesday.

September 22 . . First Semester begins — Thursday, 8.20 A. M.

MEDICAL SCHOOL OF MAINE

1909.

October 21 . . . Entrance Examinations for the First Year Students, in Brunswick — Thursday, 9 A. M.

October 22 . . . Re-examinations, deferred Examinations and Examinations for Advanced Standing for Second Year, in Brunswick: Anatomy at 9 A. M., Physiology at 2 P. M., Chemistry as appointed by the Professor — Friday.

October 23 . . . Re-examinations, deferred Examinations and Examinations for Advanced Standing for Third Year, in Portland: Anatomy at 9 A. M., Physiology at 2 P. M., Chemistry as appointed by the Professor — Saturday.

Re-examinations, deferred Examinations and Examinations for those wishing to enter the Fourth Year will be held in Portland on Friday and Saturday, October 22 and 23, at hours to be hereafter appointed.

Thanksgiving recess from 1.30 P. M. *Wednesday, November* 24 *to* 8 A. M. *Monday, November* 29.

Vacation from 4.30 P. M. *Wednesday, December* 22, *to* 8 A. M. *Monday, January* 3.

1910.

February 22. . . Washington's Birthday: a holiday — Tuesday.

Vacation from noon of Saturday, March 26, *to morning of Tuesday, April* 5.

May 30 . . . . Memorial Day: a holiday — Monday.

June 8 to 22 . . Examinations — Wednesday to Wednesday of the second week following.

June 22 . . . . Commencement Exercises of the Medical School — Wednesday, 10 A. M., Church.

Summer Vacation of Seventeen Weeks.

BOWDOIN COLLEGE

BOWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The college was named in honor of James Bowdoin, a grandson of the Huguenot refugee, Pierre Baudouin, who fled from the religious persecution that followed the revocation of the Edict of Nantes, and, in 1687, made a home for himself on the shores of Casco Bay, in what is now the city of Portland. In the next generation the family name was anglicized, and the grandson, James Bowdoin, was born in Boston, which had become the family home, and was graduated from Harvard College in 1745.

He was a stanch and influential supporter of the movement for American independence, a member for many years of the Council, or senate, of the colonial legislature, a delegate to the first Continental Congress in Philadelphia, president of the Provincial Council, and a close personal friend of Washington. He was also the president of the convention which framed the Constitution of Massachusetts, and was, subsequently, for two terms Governor of the State. In addition to his civil honors he received honorary academic degrees from Harvard, from the University of Pennsylvania, and from the University of Edinburgh; he was a member of various foreign societies, the first president of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the college was the Honorable James Bowdoin, son of the Governor. He was graduated from Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary at the Court of Spain, and Associate Minis-

ter at the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the college. During his lifetime he gave land, money, and apparatus to the college, and at his death it became, by will, his residuary legatee.

Circumstances delayed the opening of the college for several years after its incorporation; but in 1802, a substantial brick building having been erected for its accommodation, the first president was inaugurated, and the work of instruction was begun. The government of the college is vested in two concurrent Boards, the Trustees and the Overseers, and since 1870 one-half the vacancies occurring in the Board of Overseers have been filled from nominations by the body of the alumni.

The Medical School dates from 1820, when it was incorporated by the first legislature of the new State of Maine, and made a department of Bowdoin College.

At the Commencement of 1894 the one hundredth anniversary of the incorporation of the college was celebrated with appropriate exercises, and at that time the academical, medical, and honorary graduates numbered, together, four thousand three hundred and sixty-five; and another thousand was made up of those who had studied in the college without taking a degree, and of those who were undergraduates in that anniversary year.

REGISTER

Trustees

REV. WILLIAM DEWITT HYDE, D.D., LL.D., PRESIDENT, *Brunswick.*

REV. JOHN SMITH SEWALL, D.D., VICE-PRESIDENT, *Bangor.*

HON. JOSHUA LAWRENCE CHAMBERLAIN, LL.D., *Brunswick.*

HON. WILLIAM PIERCE FRYE, LL.D., *Washington, D. C.*

HON. WILLIAM LEBARON PUTNAM, LL.D., *Portland.*

GEN. THOMAS HAMLIN HUBBARD, LL.D., *New York City.*

*GEN. OLIVER OTIS HOWARD, LL.D., *Burlington, Vt.*

HON. MELVILLE WESTON FULLER, LL.D. *Washington, D. C.*

REV. SAMUEL VALENTINE COLE, D.D., *Norton, Mass.*

EDWARD STANWOOD, LITT.D., *Brookline, Mass.*

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HON. WILLIAM TITCOMB COBB, LL.D., *Rockland.*

IRA PEIRCE BOOKER, ESQ., TREASURER, *Brunswick.*

SECRETARY

BARRETT POTTER, ESQ., A.M., *Brunswick.*

Overseers

HON. CHARLES FREEMAN LIBBY, LL.D., PRESIDENT, *Portland.*

GALEN CLAPP MOSES, A.M., VICE-PRESIDENT, *Bath.*

* Died Oct. 26, 1909.

Bowdoin College

REV. HENRY FISKE HARDING, A.M., *Hallowell.*
ALFRED MITCHELL, M.D., LL.D., *Brunswick.*
REV. JOTHAM BRADBURY SEWALL, S.T.D., *Brookline, Mass.*
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HON. ENOCH FOSTER, A.M., *Portland.*
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JOSEPH EUGENE MOORE, Esq., A.M., *Thomaston.*
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GEORGE FOSTER CARY, Esq., A.B., *East Machias.*
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WESTON LEWIS, Esq., A.B., *Gardiner.*
FREDERICK HUNT APPLETON, Esq., LL.D., *Bangor.*
CHARLES TAYLOR HAWES, Esq., A.B., *Bangor.*
HON. CLARENCE HALE, LL.D., *Portland.*

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ALFRED EDGAR BURTON, C.E.,	*Boston, Mass.*
GEORGE PATTEN DAVENPORT, A.M.,	*Bath.*
HON. ADDISON EMERY HERRICK, A.M.,	*Bethel.*
HON. LEVI TURNER, A.M.,	*Portland.*
HON. FREDERIC ALVAN FISHER, A.M.,	*Lowell, Mass.*
HON. FREDERICK ALTON POWERS, A.B.,	*Houlton.*
ERNEST BOYEN YOUNG, A.B., M.D.,	*Boston, Mass.*
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FREDERICK ODELL CONANT, A.M.,	*Portland.*
THOMAS JEFFERSON EMERY, Esq., A.M.,	*Boston, Mass.*
ALPHEUS SANFORD, Esq., A B.,	*Boston, Mass.*

SECRETARY

THOMAS HARRISON RILEY, Esq., A.B., *Brunswick.*

Committees of the Boards

VISITING

Messrs. Cole, Cobb, Alexander, Turner and Powers.

EXAMINING

Messrs. Sewall, Chamberlain, Cutler, Davenport, Fisher and Herrick.

FINANCE

Messrs. Putnam, Stanwood, Moses and Lewis.

HONORARY DEGREES

Messrs. Libby (*ex officio*), Fuller, Hubbard, Burton, Bell and Appleton.

Bowdoin College

VACANCIES IN THE MEDICAL SCHOOL

MESSRS. PUTNAM, FRYE, HALE AND W. J. CURTIS.

VACANCIES IN THE COLLEGE

MESSRS. HUBBARD, EMERY, SEWALL AND HARDING.

ART INTERESTS

MESSRS. CHAMBERLAIN AND BAXTER.

GROUNDS AND BUILDINGS

THE TREASURER, WITH PROFESSORS CHAPMAN AND ROBINSON FROM THE FACULTY.

College Preachers

1909-1910

REV. NACY McGEE WATERS, D.D.,	*Brooklyn, N. Y.*
PRES. ALBERT P. FITCH, D.D.,	*Cambridge, Mass.*
PRES. J. G. K. McCLURE, D.D.,	*Chicago, Ill.*
RIGHT REV. W. N. McVICKAR, D.D.,	*Providence, R. I.*
REV. ROCKWELL H. POTTER, D.D.,	*Hartford, Conn.*

Annie Talbot Cole Lecturer

1909-1910

HON. SAMUEL W. McCALL, LL.D.,

Nov. 11. . . *Some Responsibilities of Citizenship.*

Nov. 18. . . *Lessening Military Burdens.*

OFFICERS OF INSTRUCTION AND GOVERNMENT

REV. WILLIAM DEWITT HYDE, D.D., LL.D., *President. Professor of Mental and Moral Philosophy.* *85 Federal Street.

ALFRED MITCHELL, M.D., LL.D., *Professor of Internal Medicine and Dean of the Medical Faculty.* 163 Maine Street.

LUCILIUS ALONZO EMERY, LL.D., *Professor of Medical Jurisprudence.* Ellsworth.

HENRY LELAND CHAPMAN, D.D., LL.D., *Professor of English Literature.* 79 Federal Street.

FREDERIC HENRY GERRISH, M.D., LL.D., *Professor of Surgery.* 675 Congress Street, Portland.

FRANKLIN CLEMENT ROBINSON, A.M., LL.D., *Professor of Chemistry and Mineralogy and Josiah Little Professor of Natural Science.* 214 Maine Street.

HENRY JOHNSON, PH.D., *Longfellow Professor of Modern Languages and Curator of the Art Collections.* 256 Maine Street.

CHARLES BRYANT WITHERLE, A.B., M.D., *Professor of Neurology.* 21 Deering Street, Portland.

FRANK EDWARD WOODRUFF, A.M., *Joseph E. Merrill Professor of the Greek Language and Literature and Recorder of the College.* 262 Maine Street.

ALBERT ROSCOE MOULTON, M.D., *Professor of Mental Diseases.* Pennsylvania Hospital for the Insane, Philadelphia, Pa.

* The residence is in Brunswick, except as otherwise stated.

CHARLES DENNISON SMITH, A.M., M.D., *Professor of Physiology.* Maine General Hospital, Portland.

GEORGE THOMAS LITTLE, LITT. D., *Librarian.* 8 College Street.

ADDISON SANFORD THAYER, A.B., M.D., *Professor of Diseases of Children.* 10 Deering Street, Portland.

WILLIAM ALBION MOODY, A.M., *Wing Professor of Mathematics.* 60 Federal Street.

JOHN FRANKLIN THOMPSON, A.M., M.D., *Professor of Diseases of Women.* 211 State Street, Portland.

CHARLES CLIFFORD HUTCHINS, A.M., *Professor of Physics.* 74 Federal Street.

WILLIS BRYANT MOULTON, A.M., M.D., *Professor of Ophthalmology and Otology.* 180 State Street, Portland.

FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Hygiene and Physical Training; Professor of Pathology and Bacteriology.* 161 Maine Street.

GEORGE TAYLOR FILES, PH.D., *Professor of Germanic Languages.* 238 Maine Street.

EDWARD JOSEPH MCDONOUGH, A.B., M.D., *Professor of Obstetrics.* 624 Congress Street, Portland.

WILMOT BROOKINGS MITCHELL, A.M., *Edward Little Professor of Rhetoric and Oratory.* 6 College Street.

ALLEN JOHNSON, PH.D., *Thomas Brackett Reed Professor of History and Political Science.* 88 Federal Street.

CHARLES THEODORE BURNETT, PH.D., *Professor of Psychology and Registrar of the College.* 86 Federal Street.

ROSCOE JAMES HAM, A.M., *Professor of German.* 3 Bath Street.

WALTER EATON TOBIE, M.D., *Professor of Anatomy.* 3 Deering Street, Portland.

FREDERIC WILLIS BROWN, PH.D., *Professor of Modern Languages.* 75 Federal Street.

HENRY PRATT FAIRCHILD, PH.D., *Daniel B. Fayerweather Professor of Economics and Sociology.* 183 Maine Street.

[WILLIAM TRUFANT FOSTER, A.M., *Professor of English and Argumentation.*] On leave of absence, 1909–1910.
72 Federal Street.

KENNETH CHARLES MORTON SILLS, A.M., *Winkley Professor of the Latin Language and Literature and Secretary of the Faculty.* 31 Federal Street.

HENRY HERBERT BROCK, A.B., M.D., *Assistant Professor of Clinical Surgery.* 687 Congress Street, Portland.

WILLIAM HERBERT BRADFORD, A.M., M.D., *Assistant Professor of Surgery.* 208 State Street, Portland.

CHARLES HENRY HUNT, A.B., M.D., *Lecturer on Materia Medica.* Cor. Pine and Winter Streets, Portland.

MANTON COPELAND, S.M., PH.D., *Assistant Professor of Biology.* 24 College Street.

MARSHALL PERLEY CRAM, PH.D., *Assistant Professor of Chemistry.* 83 Federal Street.

PAUL NIXON, A.M., *Assistant Professor of Classics and History.* 84 Federal Street.

GERALD GARDNER WILDER, A.B., *Assistant Librarian.* 7 McKeen Street.

HUDSON BRIDGE HASTINGS, S.B., *Assistant Professor of Surveying and Drawing.* 69 Federal Street.

JAMES ALFRED SPALDING, A.M., M.D., *Clinical Instructor in Ophthalmology and Otology.* 627 Congress Street, Portland.

HERBERT FRANCIS TWITCHELL, M.D., *Instructor in Clinical Surgery.* 10 Pine Street, Portland.

GILBERT MOLLESON ELLIOTT, A.M., M.D., *Demonstrator of Anatomy.* 152 Maine Street.

GUSTAV ADOLF PUDOR, A.B., M.D., *Instructor in Dermatology.* 134 Free Street, Portland.

JAMES EDWARD KEATING, A.B., M.D., *Instructor in Internal Medicine.* 599 Congress Street, Portland.

GILMAN DAVIS, M.D., *Instructor in Diseases of the Nose and Throat.* 657 Congress Street, Portland.

Bowdoin College

ARTHUR SCOTT GILSON, M.D., *Instructor in Clinical Surgery.* 117 State Street, Portland.

RICHARD DRESSER SMALL, A.B., M.D., *Instructor in Obstetrics.* 154 High Street, Portland.

WILLIAM LEWIS COUSINS, M.D., *Instructor in Clinical Surgery.* 181 State Street, Portland.

ALFRED MITCHELL, Jr., A.B., M.D., *Instructor in Genito-Urinary Surgery.* 657 Congress Street, Portland.

EDVILLE GERHARDT ABBOTT, A.M., M.D., *Clinical Instructor in Orthopedic Surgery.* 14 Deering Street, Portland.

W. BEAN MOULTON, A.B., M.D., *Instructor in Diseases of Women.* 622 Congress Street, Portland.

WALLACE WADSWORTH DYSON, M.D., *Instructor and Assistant Demonstrator of Anatomy.* 18 Deering St., Portland.

EDWIN WAGNER GEHRING, B.S., M.D., *Instructor in Physiology.* 690 Congress Street, Portland.

FRED PATERSON WEBSTER, M.D., *Instructor in Diseases of Children.* 12 Pine Street, Portland.

JONATHAN FRENCH SCOTT, A.M., *Instructor in History and Clerk of the Faculty.* 24 College Street.

RALPH BUSHNELL STONE, A.M., *Instructor in Mathematics.* 234 Maine Street.

CHARLES WILBERT SNOW, A.B., *Instructor in English and Argumentation.* 72 Federal Street.

JAMES LUKENS McCONAUGHY, A.B., *Instructor in English and Secretary of the Christian Association.* 24 College Street.

THOMAS JAYNE BURRAGE, A.M., M.D., *Demonstrator of Histology.* 139 Park Street, Portland.

PHILIP PICKERING THOMPSON, A.B., M.D., *Assistant Demonstrator of Anatomy.* 704 Congress Street, Portland.

CHARLES LANGMAID CRAGIN, M.D., *Assistant Demonstrator of Anatomy.* 929A Congress Street, Portland.

PHILIP WEBB DAVIS, A.B., M.D., *Clinical Assistant in Surgery.* 99 Winter Street, Portland.

Officers of Instruction and Government

ALFRED WILLIAM HASKELL, M.D., *Clinical Assistant in Surgery.* 660 Congress Street, Portland.

WILLIAM MORAN, M.D., *Clinical Assistant in Diseases of the Eye.* Y. M. C. A. Building, Portland.

ERNEST WOODBURY FILES, A.B., M.D., *Clinical Assistant in Medicine.* 545 Deering Avenue, Portland.

FRANCIS JOSEPH WELCH, A.B., M.D., *Clinical Assistant in Medicine.* 359 Congress Street, Portland.

Other Officers

IRA PEIRCE BOOKER, Esq., *Treasurer.* 23 School Street.

SAMUEL BENSON FURBISH, S.B., *Assistant to Treasurer.* 28 School Street.

HUGH McLELLAN LEWIS, B.C.E., *Assistant in the Library.* 11 Cleaveland Street.

EDITH JENNEY BOARDMAN, *Cataloguer.* 2 High Street.

ALICE CURTIS LITTLE, *Assistant Registrar.* 15 Potter Street.

CAROLINE TILLSON ROBINSON, *Assistant Curator of the Art Collections.* 256 Maine Street.

Office Hours

The Treasurer, Massachusetts Hall; 9 to 12, 2 to 4; Saturday 9 to 12.

The Registrar, Massachusetts Hall; 1.30 to 4.30; no hours on Saturday.

The Secretary, Massachusetts Hall; 12.30 to 1; no hours on Saturday.

The Recorder, Massachusetts Hall; Monday, 2.30 to 3.30.

STUDENTS

Undergraduates

SENIORS — Class of 1910

ABBREVIATIONS: A. H., Appleton Hall; M. H., Maine Hall; W. H., Winthrop Hall.

Name	Residence	Room
Babbitt, George Hutchinson	*Albany, N. Y.*	*Δ. Δ. Φ.* House.
Ballard, Harold Bearse	*Gardiner*	*K. Σ.* House.
Boynton, Chester Alden	*North Whitefield*	1 W. H.
Brown, Stuart Franklin	*Whitinsville, Mass.*	*K. Σ.* House.
Cary, Charles Austin	*East Machias*	*Δ. K. E.* House.
Clifford, John David	*Lewiston*	*Δ. Δ. Φ.* House.
Colbath, Henry Jewett	*Dexter*	7 A. H.
Cole, Gardner Wilson	*East Raymond*	7 M. H.
Crosby, John Leland	*Bangor*	*Δ. K. E.* House.
Crossland, Edgar	*Brunswick*	17 Cleaveland St.
Crowell, Ralph Savage	*Bangor*	*Δ. K. E.* House.
Deming, Clyde Leroy	*Cornish Center, N. H.*	*Θ. Δ. X.* House.
Eastman, Richard Raymond	*Fort Fairfield*	*Z. Ψ.* House.
Eaton, Carleton Whidden	*Calais*	252 Maine St.
Edwards, Sumner	*Bethel*	23 A. H.
Evans, Frank Caradoc	*Camden*	27 W. H.
Grace, Ralph Boothby	*Saco*	29 W. H.
Guptill, William Stewart	*Gorham*	11 Cleaveland St.
Hale, Robert	*Portland*	*Ψ. Υ.* House.
Hamburger, James Forbush	*Hyde Park, Mass.*	23 A. H.
Hansen, Harlan Frank	*Portland*	14 A. H.
Hawes, Henry Quinby	*Westbrook*	23 W. H.
Hill, Merrill Cristy	*Groveville (Buxton)*	29 W. H.
Hobbs, Elmer Hamilton	*Waterboro*	*B. Θ. Π.* House.
Kendrie, Frank Estes	*Ocean Park*	*B. Θ. Π.* House.
Knight, Frank Willis	*Rockland*	11 Pleasant St.
Marsh, Harold Potter	*Sheldon, Vt.*	*Θ. Δ. X.* House.
Martin, Robert Burleigh	*Augusta*	*Δ. K. E.* House.

Name	Residence	Room
Matthews, Edward Curtis, Jr.	*Portsmouth, N. H.*	*Δ. K. E.* House.
Morss, Philip Brayton	*Medford, Mass.*	16 W. H.
Morss, Robert Dillingham	*Medford, Mass.*	7 W. H.
Newman, William Proctor	*Bar Harbor*	*Θ. Δ. X.* House.
Nickerson, Parker Toward	*Boothbay Harbor*	31 M. H.
Nulty, William Bridgham	*Buckfield*	1 W. H.
Otis, Thomas	*New Bedford, Mass.*	*K. Σ.* House.
Peters, Clinton Noyes	*Portland*	*Ψ. Υ.* House.
Robinson, Warren Eastman	*Arlington, Mass.*	*Δ. Δ. Φ.* House.
Ross, Rodney Elsmore	*Kennebunk*	*Ψ. Υ.* House.
Rowell, Harold Edwin	*Skowhegan*	7 M. H.
Sanborn, William Harrison	*Portland*	*Ψ. Υ.* House.
Slocum, Harold Wilson	*Albany, N. Y.*	*Θ. Δ. X.* House.
Smith, Leon Hartley	*Portland*	*Θ. Δ. X.* House.
Stephens, Winston Bryant	*New Bedford, Mass.*	*Δ. Δ. Φ.* House.
Stone, Alfred Wheeler	*Bangor*	7 A. H.
Thompson, Ralph Lane	*Brunswick*	29 Federal St.
Townsend, Frank Dunham	*Brunswick*	156 Maine St.
Tuttle, Raymond Anderson	*Freeport*	*Θ. Δ. X.* House.
Wandtke, Alfred Wilhelm	*Lewiston*	*Δ. Υ.* House.
Warren, Herbert Everett	*Woodsville, N. H.*	23 M. H.
Webster, Edward Harlan	*Washington, D. C.*	8 M. H.
Webster, Fred Paterson, M.D.	*Portland*	Portland.
Webster, Sereno Sewall	*Augusta*	*B. Θ. Π.* House.
Weeks, Harold Edward	*Fairfield*	*Z. Ψ.* House.
Weston, George Cony	*Augusta*	*B. Θ. Π.* House.
Williams, Thomas Westcott	*Houlton*	*Δ. K. E.* House.
Wing, Earl Lytton	*Kingfield*	*Δ. Υ.* House.
Woodward, Harry Whiting	*Colorado Springs, Colo.*	*Δ. K. E.* House.

Juniors — Class of 1911

Name	Residence	Room
Allen, William Clinton	*St. Paul, Minn.*	*Δ. K. E.* House.
Bailey, Ralph Edwin Gilmore (1910)	*Skowhegan*	*Z. Ψ.* House.
Berry, Harrison Morton	*Gardiner*	*Δ. Υ.* House.
Bickmore, Harold Vincent	*Augusta*	*B. Θ. Π.* House.
Black, Fred Charles	*Rockland*	*Z. Ψ.* House.
Brummett, John Leslie	*Roxbury, Mass.*	*B. Θ. Π.* House.
Burgh, David Tosh	*Westbrook*	17 W. H.
Burkett, Franz Upham	*Union*	*Δ. K. E.* House.
Burnham, Harold Nichols	*Bridgton*	*B. Θ. Π.* House.
Burns, Frank Hastings	*Bristol Mills*	*Z. Ψ.* House.

Students

Name	Residence	Room
Byles, Charles Hinckley	*Central Village, Conn.*	32 W. H.
Callahan, William Henry	*Lewiston*	31 W. H.
Cartland, John Everett	*Lisbon Falls*	*B. Θ. Π.* House.
Clark, Linwood Everett	*Wilton*	*Θ. Δ. X.* House.
Cole, Arthur Harrison	*Haverhill, Mass.*	*Ψ. Υ.* House.
Curtis, John Libby	*Camden*	*B. Θ. Π.* House.
Curtis, Willard Hallowell	*Dennysville*	17 W. H.
Davis, Lawrence	*Bradford*	*B. Θ. Π.* House.
Dreear, Samuel Herman	*Washington, D. C.*	12 A. H.
Emerson, Walter Nelson	*Bangor*	*B. Θ. Π.* House.
Fifield, Ernest Gibson	*Conway, N. H.*	*Δ. K. E.* House.
Genthner, Sylvan Brooks	*Newcastle*	29 M. H.
Hansen, Philip Herman	*Portland*	10 A. H.
Hastings, Hugh Warren	*Fryeburg*	9 W. H.
Hawes, Charles Boardman	*Bangor*	11 M. H.
Hichborn, Alden Sprague	*Augusta*	*Δ. K. E.* House.
Hine, Harold Kirkham	*Dedham, Mass.*	19 A. H.
Hine, Roderick Paul	*Dedham, Mass.*	19 A. H.
Horsman, Read Clark	*Princeton*	30 M. H.
Hussey, Stetson Harlowe	*Blaine*	*Z. Ψ.* House.
Hyler, David Scribner	*Rockland*	*Z. Ψ.* House.
Johnson, Alfred Wellington	*Augusta*	*Δ. Υ.* House.
Johnson, John Loring	*Houlton*	*Z. Ψ.* House.
Kellogg, Chester Elijah	*Melrose, Mass.*	21 A. H.
Kern, Edward Eugene	*Woodfords*	*B. Θ. Π.* House.
Kimball, Philip Horatio	*Gorham*	29 A. H.
King, Elmer Henry	*Syracuse, N. Y.*	4 M. H.
Lawlis, Robert Merton	*Houlton*	*Δ. K. E.* House.
McFarland, Lawrence	*Portland*	*Δ. Υ.* House.
McGlone, Frank Bernard (1910)	*Natick, Mass.*	5 Cedar St.
McLaughlin, Harry Buddington (1910)	*Albany, N. Y.*	23 M. H.
Macomber, George Herbert	*Augusta*	*B. Θ. Π.* House.
Marston, Harold Percival	*Chicago, Ill.*	*Θ. Δ. X.* House.
Merrill, William Folsom	*Skowhegan*	*Z. Ψ.* House.
Meserve, Philip Weston	*Portland*	32 M. H.
Mikelsky, Lewis Lee (1910)	*Bath*	19 M. H.
Miller, Paris Edward	*Cumberland Center*	32 W. H.
Oram, Julius Calvin	*Brunswick*	30 M. H.
Oxnard, Charles Lewis	*West Medford, Mass.*	29 A. H.
Parkman, Lawrence Pratt	*Portland*	8 W. H.
Pierce, Stanley Woodward	*Bath*	11 W. H.
Pope, Alton Stackpole	*Manchester*	8 McKeen St.
Purington, Frank Humphrey	*Mechanic Falls*	14 W. H.

Name	Residence	Room
Redfern, Donald	*Swampscott, Mass.*	*Ψ. Υ.* House.
Roberts, John Leonard	*Brunswick*	102 Pleasant St.
Robinson, Harrison Leonard	*Bangor*	11 W. H.
Sanborn, Oliver True	*Portland*	*Ψ. Υ.* House.
Sanford, Gardner	*Boston, Mass.*	11 M. H.
Skelton, Edward Warren	*West Brooksville*	31 W. H.
Skillin, Waldo Thompson	*Hallowell*	*Δ. Υ.* House.
Smith, Charles Albert (1910)	*West Medford, Mass.*	4 M. H.
Smith, Earl Baldwin	*Brunswick*	50 Federal St.
Somes, Abraham Jacob	*Mt. Desert*	*Δ. Υ.* House.
Straw, Palmer	*Portland*	15 Cleaveland St.
Sullivan, Richard Wesley	*West Roxbury, Mass.*	*Δ. Υ.* House.
Weeks, DeForest	*Cornish*	*Δ. Υ.* House.
White, Harold Sewall	*Lewiston*	*Α. Δ. Φ.* House.
White, Joseph Curtis	*Bangor*	9 W. H.
Wiggin, Harry Lawrence	*Boston, Mass.*	*Δ. Κ. Ε.* House.

Sophomores — Class of 1912

Name	Residence	Room
Adams, Charles Francis, Jr.	*Auburn*	*Θ. Δ. Χ.* House.
Allen, James Bailey	*Mt. Desert*	*Δ. Υ.* House.
Atwood, William Elbridge (1910)	*Paris*	8 M. H.
Auten, Meredith Bodine	*Cass City, Mich.*	*Δ. Υ.* House.
Bailey, Charles Olin, Jr.	*Sioux Falls, S. D.*	7 W. H.
Bailey, Merton Glenn Lewis (1911)	*Woodfords*	*Β. Θ. Π.* House.
Barbour, Elden Greenwood	*Yarmouthville*	9 M. H.
Bradford, Eugene Francis	*Bangor*	11 A. H.
Bragdon, Lester Lodge	*Wells*	31 A. H.
Brooks, George Clark	*Reading, Mass.*	*Δ. Κ. Ε.* House.
Bryant, Herbert Lorenzo	*Round Pond*	2 A. H.
Burlingame, Mark Westcott	*Winthrop, Mass.*	*Ζ. Ψ.* House.
Chapin, William Harper (1911)	*Saco*	32 W. H.
Churchill, Kenneth	*Newtonville, Mass.*	5 W. H.
Clarke, Chester Leonard	*Portland*	*Κ. Σ.* House.
Clifford, William Henry (1911)	*Lewiston*	*Α. Δ. Φ.* House.
Cole, Philip Pearson	*Bath*	20 A. H.
Cole, Robert Danforth	*Arlington Heights, Mass.*	16 A. H.
Cousins, Edgar Fuller	*Oldtown*	262 Maine St.
Cressey, George Fabyan	*Portland*	28 A. H.
Daniels, Theodore Williams	*Natick, Mass.*	*Δ. Υ.* House.
Davis, Francis Warren	*Newton, Mass.*	22 M. H.
Davis, Herbert Andrew	*Portland*	16 A. H.

Students

Name	Residence	Room
Fisher, Ransom Edgar (1910)	*Ridlonville*	29 M. H.
Foote, Lowell Sanborn	*Dover, N. H.*	*B. θ. Π.* House.
Foss, Reginald Edison	*Skowhegan*	16 M. H.
Fuller, Walter Atherton	*Bangor*	22 M. H.
Gibson, Arthur Collis (1911)	*Jamaica Plain, Mass.*	13 W. H.
Gillin, James McKinnon	*Bangor*	15 W. H.
Gordon, Eugene Bradley	*Brewer*	*B. θ. Π.* House.
Gray, Maurice Herbert	*Oldtown*	*Δ. K. E.* House.
Greenleaf, Walter James	*Portland*	24 W. H.
Harrington, Francis Elias	*Rockland*	*B. θ. Π.* House.
Hart, Fred Willis	*Camden*	27 W. H.
Hathaway, Raymond White	*Providence, R. I.*	5 M. H.
Houston, Robert Craig	*Guilford*	*Δ. K. E.* House.
Hurley, John Lawrence	*Malden, Mass.*	*Z. Ψ.* House.
Joy, John Henry	*Roxbury, Mass.*	28 A. H.
Kateon, Fred Lincoln	*Bath*	5 A. H.
Keating, Harry McLain	*Rockland*	Harpswell St.
Kent, Edward Weston	*Bremen*	20 M. H.
Kern, George Cragin	*Woodfords*	17 M. H.
King, Harold Fremont	*South Scituate, R. I.*	4 Cleaveland St.
King, Robert Parsons	*Ellsworth*	*Ψ. Υ.* House.
Knowles, Stanley Stone	*Augusta*	17 A. H.
Leigh, Edward Oliver	*Seattle, Wash.*	*K. Σ.* House.
Lincoln, Lendell Durant	*Wayne*	4 Cleaveland St.
Lippincott, Leon Stanley (1910)	*Augusta*	23 W. H.
Locke, Herbert Edson	*Augusta*	32 A. H.
Long, Clarence Ray	*St. Albans, W. Va.*	169 Maine St.
McCormick, William Alexander	*S. Framingham, Mass.*	*Δ. Υ.* House.
McKenney, Jesse Hamilton	*Brunswick*	56 Pleasant St.
Madison, Arthur Alexander (1911)	*Montgomery, Ala.*	12 A. H.
Makepeace, True Edgecomb	*Farmington*	15 M. H.
Maloney, Earl Francis	*So. Thomaston*	24 M. H.
Marsh, Seward Joseph	*Farmington*	*Δ. Υ.* House.
Means, Leland Green	*Orleans, Neb.*	*Δ. K. E.* House.
Mifflin, John Houston	*Exeter, N. H.*	*Δ. Υ.* House.
Morss, Edward Longworth	*Medford, Mass.*	16 W. H.
Morton, Colby Lorenzo (1910)	*Friendship*	*Δ. Υ.* House.
Nichols, George Henry	*North Grafton, Mass.*	28 W. H.
O'Neil, Joseph Carter	*South Portland*	4 W. H.
Parcher, Arthur Hale	*Ellsworth*	17 M. H.
Partridge, Ben Weston, Jr. (1911)	*Gardiner*	*Ψ. Υ.* House.
Pratt, Lyde Stuart	*Farmington*	15 M. H.
Purington, Ellison Smullen	*Mechanic Falls*	14 W. H.

Name	Residence	Room
Riggs, Benjamin Hinckley	*Woodfords*	30 W. H.
Rodick, Burleigh Cushing	*Freeport*	24 M. H.
Russell, Earle Leander	*Portland*	30 A. H.
Simpson, Frederick Benjamin	*Bangor*	11 A. H.
Skillin, Carl Dana	*Hallowell*	13 M. H.
Slocum, Frank Davis	*Albany, N. Y.*	18 M. H.
Smith, Frank Arthur	*Calais*	4 A. H.
Spinney, William Riley	*Freedom*	*K. Σ.* House.
Sprague, Peleg William	*Bath*	Bath.
Stewart, George Hawley	*Bath*	Bath.
Tibbetts, George Alton	*Brunswick*	75 Pleasant St.
Timberlake, Carl Billings	*Lancaster, N. H.*	27 M. H.
Torrey, Edward Wadsworth	*Peabody, Mass.*	30 W. H.
Vannah, Harold Perry	*Winslow's Mills*	20 M. H.
Walton, Everett Parker	*New Vineyard*	14 M. H.
Warren, Carle Orestes	*Gorham*	17 Cleaveland St.
Weatherill, Edward Hacker (1911)	*Brunswick*	34 School St.
Weeks, Ernest Eugene	*Cornish*	*Δ. Υ.* House.
White, Heman Ashmead	*Bangor*	5 W. H.
White, Richard Frazar	*Brunswick*	273 Maine St.
Wilson, Edmund	*Portland*	22 W. H.
Woodcock, Allan	*Bangor*	3 A. H.

Freshmen — Class of 1913

Name	Residence	Room
Abbott, Chester Granville (1912)	*Lynn, Mass.*	*K. Σ.* House.
Alexander, Moses Burpee	*Houlton*	*Z. Ψ.* House.
Andrews, Harold Augustus (1912)	*East Conway, N. H.*	31 A. H.
Arenovsky, Harold Chadbourne (1912)	*Westbrook*	11 Everett St.
Ashey, Harold Charles Lewis (1912)	*Leicester, Mass.*	8 W. H.
Baker, Edward Oliver	*North Adams, Mass.*	10 M. H.
Beal, Raymond Coombs (1911)	*Lisbon Falls*	Lisbon Falls.
Belknap, Robert Willis	*Damariscotta*	26 M. H.
Brown, Josiah Steele	*Whitinsville, Mass.*	*K. Z.* House.
Buck, Percy Clarence	*Harrison*	4 Cleaveland St.
Bull, Charles Roy	*Monticello*	15 W. H.
Burleigh, Edwin Clarence	*Augusta*	9 A. H.
Busfield, Manning Hapgood	*North Adams, Mass.*	10 M. H.
Caldwell, Wilbur Chamberlain (1911)	*Buckfield*	21 A. H.
Carr, John Coleman	*Frankfort*	3 M. H.
Chapman, Clyde Raymond (1912)	*Fairfield*	*Z. Ψ.* House.

Students

Name	Residence	Room
Childs, John Swasey	*Lewiston*	2 M. H.
Clancy, John Terence	*New York City*	18 W. H.
Comery, Sanford Burton	*Thomaston*	6 Cleaveland St.
Conant, Reginald Odell	*Portland*	10 W. H.
Conant, Richard Odell (1912)	*Portland*	*Δ. K. E.* House.
Coombs, Warren Crosby	*Camden*	18 Potter St.
Cowan, Frank Irving	*Pittsfield*	13 M. H.
Craig, Vurnyer Adrian	*Brookton*	*Δ. Υ.* House.
Creighton, James Alexander	*Thomaston*	21 M. H.
Crosby, Lawrence Alden	*Bangor*	13 A. H.
Crowell, Cedric Russell	*Richmond Hill, N. Y.*	9 M. H.
Cummings, George Otis	*Portland*	6 A. H.
Cushman, Albert Percival	*Bangor*	21 M. H.
Dennis, Alonzo Garcelon (1911)	*Medford, Mass.*	18 A. H.
Devine, John James (1911)	*Portland*	*Δ. K. E.* House.
Dodge, Leon	*Newcastle*	18 W. H.
Dole, Stanley Fuller	*Portland*	25 M. H.
Donnelly, Francis Thomas (1911)	*Bangor*	*Δ. Δ. Φ.* House.
Douglas, Paul Howard	*Ithaca, N. Y.*	3 M. H.
Duffey, George Campbell, Jr.	*Medford, Mass.*	*K. Σ.* House.
Dunn, Percy Owen	*Yarmouthville*	7 Page St.
Dunphy, John Edward	*Portland*	*Θ. Δ. Χ.* House.
Eberhardt, Walter Faber	*New York City*	26 W. H.
Edwards, Frederick Trevenen	*Milwaukee, Wis.*	5 McLellan St.
Emery, Paul Hamilton	*Portland*	17 Cleaveland St.
Emery, Theodore Evans	*Randolph*	28 M. H.
Farnham, Charles Richard	*Bath*	21 W. H.
Fisk, Anthony Humphries (1910)	*Brunswick*	1 Boody St.
Fuller, Edwin Johnson	*Groveland, Mass.*	18 Bowker St.
Gardner, Daniel Earl	*Calais*	25 W. H.
Gilbert, Harold Davis	*Farmington*	15 A. H.
Grant, Alton Levicount (1912)	*Lewiston*	2 M. H.
Greene, Merton William	*Madison*	8 A. H.
Greene, Winthrop Stevenson	*Worcester, Mass.*	262 Maine St.
Greenwood, Carlton	*Medford, Mass.*	25 M. H.
Hagan, Mark Langdon	*Bath*	52 Harpswell St.
Hagar, Raymond Kingsley	*Island Falls*	4 Cleaveland St.
Hall, Harry Howes	*Sturbridge, Mass.*	1 A. H.
Hall, Henry Levenseller	*Camden*	8 McKeen St.
Haskell, Charles Blanchard, Jr.	*Pittsfield*	9 A. H.
Hazelton, Philip Thoburn	*Portland*	12 W. H.
Henry, George Rann (1912)	*Portsmouth, N. H.*	17 A. H.
Hinch, Stanley John	*Danforth*	4 A. H

Bowdoin College

Name	Residence	Room
Holt, Benjamin Dyer	*Portland*	6 A. H.
Holt, William (1912)	*North Bridgton*	3 A. H.
Howe, George Wilson (1911)	*Milo*	18 A. H.
Howes, Herbert Martin	*Ridlonville*	1 A. H.
Hughes, Stephen Winfield (1912)	*South Portland*	4 W. H.
Johnson, Herman Adolph (1911)	*Bath*	5 A. H.
Jones, Leon Everett	*Portland*	19 W. H.
Knight, Ira Benjamin	*Derry Village, N. H.*	*K. Σ.* House.
Leavitt, Verd Russell	*Wilton*	6 W. H.
Lewis, John	*Skowhegan*	16 M. H.
Lippincott, Wilmot Clyde	*Augusta*	14 A. H.
Lord, Fred Raymond (1911)	*Bath*	32 M. H.
Ludwig, Laurence Gorham (1910)	*Houlton*	*Z. Ψ.* House.
Lunt, Paul Cammett	*Portland*	27 M. H.
McMahon, William Benedict	*Brunswick*	60 Cumberland St.
McMurtrie, Douglas Howard	*Woodfords*	26 W. H.
McNeally, Eugene Wallace	*Portland*	28 A. H.
Marden, Aaron, Jr.	*Farmington*	14 W. H.
Mathews, Percy Warren (1912)	*Lubec*	*Δ. Υ.* House.
Miller, Harold William	*Lynn, Mass.*	28 A. H.
Mitchell, John Arnett	*Gallipolis, O.*	206 Maine St.
Moulton, Bryant Edward	*Portland*	19 W. H.
Newell, Joseph Henry (1912)	*Richmond*	*B. θ. Π.* House.
Nixon, William Joseph	*E. Rochester, N. H.*	27 A. H.
Nolin, Frank Elmer	*Skowhegan*	262 Maine St.
Norton, James Augustus	*Phillips*	3 M. H.
Page, Clifton Orville	*Bath*	18 W. H.
Palmer, Ray Eaton	*Bath*	21 W. H.
Parkhurst, Albert Elisha	*Presque Isle*	20 A. H.
Perham, Harry Leavitt	*So. Ackworth, N. H.*	6 Cleaveland St.
Perry, Stephen Carroll, Jr.	*Portland*	*θ. Δ. X.* House.
Peters, Almon Lauchlin	*Malden, Mass.*	26 M. H.
Philoon, James Everett	*Auburn*	6 W. H.
Pike, Sumner Tucker	*Lubec*	6 M. H.
Powers, Ralph Averill	*Brookline, Mass.*	22 A. H.
Pratt, Leo Walter	*Wilton*	27 A. H.
Pratt, Loring (1912)	*Elmira, N. Y.*	*Ψ. Υ.* House.
Reynolds, Harris Walter (1912)	*Brookline, Mass.*	24 A. H.
Robinson, Ira Brown (1910)	*Bath*	*B. θ. Π.* House.
Rogers, Walter Henry	*Topsham*	18 Potter St.
Rowe, Henry	*Oldtown*	31 M. H.
Rowell, Parker Whitmore (1912)	*Roxbury, Mass.*	*Ψ. Υ.* House.
Saunders, Daniel	*Lawrence, Mass.*	22 A. H.

Students

Name	Residence	Room
Savage, Paul Chapman	*Bangor*	13 A. H.
Sewall, Donald Swanton	*Bath*	12 W. H.
Shackford, Lester Borden	*South Poland*	6 M. H.
Skolfield, George Lincoln, Jr.	*Brunswick*	153 Maine St.
Smith, Lawrence Willey	*Portland*	10 W. H.
Stetson, Alvah Booker	*Brunswick*	35 Cumberland St.
Tilton, Albert Dyer	*South Portland*	17 Cleaveland St.
Torsney, George Alexander (1911)	*Berlin, N. H.*	*Z. Ψ.* House.
Trott, John Howe	*Yarmouth*	Yarmouth
Tucker, Harold Arthur	*Farmington*	1 M. H.
Tuttle, Curtis	*Colusa, Cal.*	13 W. H.
Tuttle, Earle Blanchard	*Freeport*	Freeport
Twombley, William Fletcher	*Reading, Mass.*	*Δ. K. E.* House.
Walker, Harry Burton	*Biddeford*	15 A. H.
Welch, Arthur Deehan (1912)	*Portland*	*Θ. Δ. X.* House.
Weston, Andrew Donald (1912)	*Mechanic Falls*	*K. Σ.* House.
Whittier, Luther Gordon	*Farmington*	26 A. H.
Wiggin, Frederic Shaw	*Saco*	3 W. H.
Wish, Fred Dixon, Jr.	*Portland*	24 W. H.
Wood, Philip Shaw	*Bar Harbor*	25 A. H.
Wyman, Thomas Clark (1912)	*Woodfords*	32 A. H.

SPECIAL STUDENTS

Name	Residence	Room
Archer, Harold Davis	*Dorchester, Mass.*	25 A. H.
Bosworth, Bernard Dewey	*Leominster, Mass.*	5 M. H.
Carney, Harold Edwards	*Portland*	30 A. H.
Gates, Herbert Frank	*Constantinople, Turkey*	25 W. H.
Graham, George Malcolm	*Topsham*	Topsham.
Hale, John Teague	*Lewiston*	2 M. H.
Marston, Clair Randolph	*Skowhegan*	10 A. H.
Montgomery, William Edward	*Wakefield, Mass.*	26 A. H.
Wilson, George Frank	*Albion*	12 M. H.

Medical Students

FOURTH YEAR

Name	Residence	Room
Abbott, Percy Hobbs	*Waterboro*	174 Neal St.
Anderson, Harry Edward	*South Limington*	85 Spring St.
Brown, Elmer Jonathan	*Strong*	302 Brackett St.
Bryant, Hannibal Hamlin, Jr., A.B.	*Waterville*	22 Charles St.
Carpenter, Lester Warren	*North Waterboro*	103 Congress St.
Deering, Charles Fuller	*Winslow's Mills*	22 Charles St.
Drummond, Joseph Blake, A.B.	*Portland*	105 Elwell St.
Fahey, William Joseph	*Lewiston*	174 Neal St.
Hall, Leo Frederick	*Augusta*	174 Neal St.
Holt, Erastus Eugene, Jr., A.B.	*Portland*	723 Congress St.
Humphreys, Ernest Davis	*Henderson*	22 Charles St.
Leighton, Adam Phillips, Jr., A.B.	*Portland*	261 Western Promenade.
Marshall, Linn Bayard	*Portland*	302 Brackett St.
Mikelsky, Frank, A.B.	*Brunswick*	14 Wescott St.
Milliken, James Atwood Crowell	*New Bedford, Mass.*	768 Congress St.
Ostergren, Christian Vilhelm, A.B.	*Stockholm, Sweden*	22 Charles St.
Russell, Blinn Whittemore, A.B.	*Farmington*	302 Brackett St.
Traynor, Charles Francis	*Biddeford*	20 Bramhall St.
Valladares, Ricardo Geronimo	*Santa Clara, Cuba*	31 Ellsworth St.
Webber, Merlon Ardeen, A.B.	*Fairfield*	14 Wescott St.
Webber, Millard Carroll, A.B.	*Fairfield*	14 Wescott St.

Students

THIRD YEAR

Name	Residence	Room
Baldwin, Albert Kilburn, A.B.	*Brunswick*	24 Arsenal St.
Clement, James Donald	*Belfast*	14 Charles St.
Dolley, Frank Stephen, A.B.	*Brunswick*	St. Barnabas Hospital.
Jackson, Elmer Herbert	*Jefferson*	807 Congress St.
Long, Paul Raymond	*Parsonsfield*	19 Ellsworth St.
Nason, Charles Jewell	*Hampden*	19 Ellsworth St.
Stanwood, Harold William, A.B.	*Rumford Falls*	807 Congress St.
Stevens, Carl Hervey	*Northport*	662 Congress St.
Taylor, Cornelius John	*Bangor*	807 Congress St.
Thewlis, Malford Wilcox	*Providence, R. I.*	662 Congress St.
Webster, Francis Howe	*Castine*	19 Deering Ave.
Wharton, Charles Green, B.S.	*Tulare, Cal.*	14 Charles St.
Wilson, Charles Moore	*Waterford*	568 Congress St.
Wollin, Gustaf Fritz Robert	*Ystad, Sweden*	1 Deering Pl.

SECOND YEAR

Name	Residence	Room
Bennett, Roland Joseph	*Dover, N. H.*	1 High St.
Brown, Freeman Fletcher	*Vinalhaven*	1 High St.
Buck, George Henry, A.B.	*Harrison*	6 Cleaveland St.
Dunn, Archibald Wallace	*Auburn*	*Y. Y.* House.
Fogg, Neil Augustus	*Freeport*	Freeport.
Hammond, Walter Jean, A.B.	*Howland*	6 Cleaveland St.
Hendee, Walter Whitman	*Augusta*	23 Noble St.
Jackson, Sumner Waldron, A.B.	*Waldoboro*	102 Union St.
Johnson, Henry Lincoln	*Brunswick*	44 Union St.
Lente, Harry Hallock	*Franklin, Mass.*	6 Cleaveland St.
Merrill, Clyde Harold	*Auburn*	12 Pleasant St.
Pratt, Harold Sewall, A.B.	*Farmington*	1 M. H.
Rosen, William	*New Bedford, Mass.*	59 Harpswell St.
Scamman, Clarence Linwood	*Hartland*	102 Union St.
Stanley, Oramel Henry, A.B.	*Fryeburg*	6 Cleaveland St.

FIRST YEAR

Name	Residence	Room
Arey, Harold Carlton, A.B.	*Camden*	30 Cumberland St.
Bridge, Ezra Ralph, A.B.	*Brunswick*	10 Harpswell Pl.
Buck, Wallace Ezra	*Portland*	9 McLellan St.

Bowdoin College

Name	Residence	Room
Coombs, Wyern Almon	*Vinalhaven*	16 Lincoln St.
Echols, Francis Sherman	*Hartford, Conn.*	254 Maine St.
Gordon, Isaac Louis	*Lincoln*	17 Elm St.
Gould, Carlisle Royal	*Somersworth, N. H.*	30 Cumberland St.
Hanscom, Ridgley Fernald	*New London, Conn.*	32 Pleasant St.
Lafleche, Renie Richer	*Caribou*	30 Cumberland St.
Lippincott, Leon Stanley	*Augusta*	23 W. H.
McGilvery, Wilfred Nichols	*Lewiston*	10 Cleaveland St.
McNeil, Henry Daniel	*Bangor*	234 Maine St.
Moulton, Albert Willis, A.B.	*Portland*	19 W. H.
Nelson, Chesley Wilbur, A.B.	*West Southport*	7 Everett St.
Paine, Edward Warren	*Winslow*	30 Cumberland St.
Roberts, Edward Russell	*Portland*	38 College St.
Ross, Harold Danforth	*Phillips*	16 Lincoln St.
Scribner, Herbert Charles	*Bangor*	234 Maine St.
Sullivan, Philip Sheridan	*Biddeford*	30 Cumberland St.
Trickey, Winfield Benjamin	*East Corinth*	9 McLellan St.
Waldron, Francis David	*Waterville*	59 Harpswell St.
Winslow, Everett Stevens	*Portland*	38 College St.
Witherell, Harry David	*Cornish, N. H.*	102 Union St.
Woodman, Samuel Lee	*Winthrop*	59 Harpswell St.

Summary of Instructors and Students

INSTRUCTORS

Academical Faculty	26
Medical Faculty	41
Total	67
Names counted twice	4
Corrected Total	63

STUDENTS

ACADEMICAL DEPARTMENT

Seniors	57
Juniors	69
Sophomores	88
Freshmen; First Year	93
Freshmen; Second, Third, Fourth Year	30
Special Students	9
Total	346

MEDICAL SCHOOL

Fourth Year	21
Third Year	14
Second Year	15
First Year	24
Total	74
Total in the Institution	420
Names counted twice	1
Corrected Total	419

Appointments and Awards

HONORARY COMMENCEMENT APPOINTMENTS

Class of 1909

Summa cum Laude

Harrison Atwood
Ralph Owen Brewster
Harold Hitz Burton
Ernest Leroy Goodspeed
Jasper Jacob Stahl
Fred Veston Stanley

Magna cum Laude

Max Pearson Cushing
William Matthew Harris
John Robert Hurley
Harold Sewall Pratt

Cum Laude

Claude Oliver Bower
Ezra Ralph Bridge
Dudley Hovey
Harold Newman Marsh
Harry Clyde Merrill
Harry Jenkinson Newton
Perley Conant Voter

PHI BETA KAPPA APPOINTMENTS

Class of 1909

Harrison Atwood
Ralph Owen Brewster
Harold Hitz Burton
Max Pearson Cushing
Ernest Leroy Goodspeed
William Matthew Harris
John Robert Hurley
Harold Sewall Pratt
Jasper Jacob Stahl
Fred Veston Stanley

Class of 1910

Robert Hale
Henry Quinby Hawes
Warren Eastman Robinson
Rodney Elsmore Ross
Harold Edwin Rowell

Appointments and Awards

CLASS OF 1868 PRIZE SPEAKING

Harrison Atwood
Ralph Owen Brewster
Harold Hitz Burton
Max Pearson Cushing
Ernest Leroy Goodspeed
Jasper Jacob Stahl

BRADBURY PRIZE DEBATE

Affirmative	*Negative*
Charles Francis Adams	Ralph Owen Brewster
Henry Quinby Hawes	Ernest Leroy Goodspeed
Willard True Phillips	Daniel John Readey

Alternates

Harold Newman Marsh
Harold Edward Weeks

ALEXANDER PRIZE SPEAKING

Gardner Wilson Cole, 1910
Winston Bryant Stephens, 1910
Alfred Wheeler Stone, 1910
Arthur Harrison Cole, 1911
Samuel Herman Dreear, 1911
Earl Baldwin Smith, 1911
Charles Francis Adams, 1912
Walter Atherton Fuller, 1912
James McKinnon Gillin, 1912

PRIZES

Goodwin Commencement Prize. Fred Veston Stanley, Class of 1909.

Class of 1868 Prize. Jasper Jacob Stahl, Class of 1909.

Pray English Prize. Jasper Jacob Stahl, Class of 1909.

Brown Composition Prizes. Jasper Jacob Stahl, Class of 1909; Edwin William Johnson, Class of 1909.

Alexander Prize Speaking. Winston Bryant Stephens, Class of 1910, first prize; James McKinnon Gillin, Class of 1912, second prize.

Sewall Latin Prize. Chester Elijah Kellogg, Class of 1911. Honorable mention, Edward Warren Skelton, Class of 1911.

Sewall Greek Prize. Chester Elijah Kellogg, Class of 1911. Honorable mention, Charles Boardman Hawes, Class of 1911.

Goodwin French Prize. No award.

Noyes Political Economy Prize. Fred Veston Stanley, Class of 1909.

Smyth Mathematical Prize. Edward Warren Skelton, Class of 1911.

Class of 1875 Prize in American History. Robert Hale, Class of 1910.

Philo Sherman Bennett Prize. No award.

Hawthorne Prize. Robert King Atwell, Class of 1909.

Bradbury Debating Prizes. Ralph Owen Brewster, Class of 1909; Ernest Leroy Goodspeed, Class of 1909; Daniel John Readey, Special, first prizes. Charles Francis Adams, Class of 1912; Henry Quinby Hawes, Class of 1910; Willard True Phillips, Class of 1909, second prizes.

Intercollegiate Debating Medals. Charles Francis Adams, Class of 1912; Harrison Atwood, Class of 1909; Ralph Owen Brewster, Class of 1909; Harold Hitz Burton, Class of 1909; Ernest Leroy Goodspeed, Class of 1909; Henry Quinby Hawes, Class of 1910; Jasper Jacob Stahl, Class of 1909.

Special Gold Medal in English 7. Daniel John Readey, Special.

Brown Memorial Scholarships. Albert Willis Moulton, Class of 1909; Robert Hale, Class of 1910; Philip Weston Meserve, Class of 1911; Robert Danforth Cole, Class of 1912.

Charles Carroll Everett Scholarship. Perley Conant Voter, Class of 1909.

Almon Goodwin Prize. Harold Edwin Rowell, Class of 1910.

Henry W. Longfellow Graduate Scholarship. Jasper Jacob Stahl, Class of 1909.

Degrees Conferred in 1909

BACHELOR OF ARTS

Atwell, Robert King
Atwood, Harrison
Baltzer, Melbourne Owen
Bishop, Percy Glenham
Bower, Claude Oliver
Brewster, Ralph Owen
Bridge, Ezra Ralph
Brown, Philip Hayward
Buck, George Henry
Burton, Harold Hitz
Carter, Charles Frederick
Cushing, Max Pearson
Estes, Guy Parkhurst
Files, Ralph Henry
Gastonguay, Thomas Amedeus
Ginn, Thomas Davis
Goodspeed, Ernest Leroy
Haines, William
Harlow, Roy Clifford
Harris, William Matthew
Hayden, Wallace Hanson
Heath, Gardner Kendall
Hinckley, Walter Palmer
Hiwale, Anand Sidoba
Hovey, Dudley
Hughes, Arthur Wilder
Hurley, John Robert
Jackson, Sumner Waldron
Johnson, Edwin William
Kane, Howard Francis
Leighton, Chester Adam (as of the Class of 1908)
McDade, Daniel Michael
Marsh, Harold Newman
Merrill, Harry Clyde
Merrill, Raymond Earle
Moulton, Albert Willis
Newman, Paul Jones
Newton, Harry Jenkinson
Pennell, Robert Maxwell
Phillips, Willard True
Pike, Harold Parker
Pletts, Louis Oliver
Pottle, Ernest Harold
Pratt, Harold Sewall
Rich, Irving Lockhart
Richardson, Clyde Earl
Shehan, Thomas Francis, Jr.
Simmons, John Standish
Smith, Arthur Lawrence
Smith, Harold Merton
Stahl, Jasper Jacob
Stanley, Fred Veston
Stanley, Oramel Henry
Stanwood, Harold William (as of the Class of 1908)
Stevens, Charles Leon
Stone, Carl Ellis
Stubbs, Robert Goff
Sturtevant, James Melvin
Tefft, Kenneth Remington
Timberlake, Leonard Fremont
Voter, Perley Conant
Wakefield, Leonard Foster
Wentworth, John Alexander

Bowdoin College

OUT OF COURSE

Charles Hoyt Bangs (as of the Class of 1869)
Charles Henry Harriman (as of the Class of 1889)
Edward Abner Thompson (as of the Class of 1891)

DOCTOR OF MEDICINE

Ball, Henry Whiting
Bunker, Willard Hiram
Cox, James Francis, A.B.
Cunningham, Charles Hunter, A.B.
Curtis, Charles Leverett
Higgins, George Ivery
Illsley, Harris Page
Mabry, Irving Ellis, A.B.
Merrill, Walter Irving
Murphy, John Luke
Pendexter, Sidney Eugene
Quinn, Hugh Francis, A.B.
Ross, Archibald Charles
Simmons, Clarence Raymond
Simonds, Otis Franklin, A.B.
Staples, Ivan
Thompson, Herbert Ellery, A.B.
Whitmore, William Cotman, A.B.

Honorary Degrees

DOCTOR OF LAWS

Ellis Spear (1858)
Henry Brewer Quinby (1869)
Albert Russell Savage
George Emerson Bird

DOCTOR OF DIVINITY

Joseph Langdon Quimby (1895)
Charles Albert Moore

DOCTOR OF LETTERS

Daniel Ozro Smith Lowell (1874)

MASTER OF ARTS

Weston Lewis (1872)
Edward Augustus Burton Smith (1889)
Ernest Roliston Woodbury (1895)

BOWDOIN COLLEGE

FACULTY

WILLIAM DEWITT HYDE, D.D., LL.D., PRESIDENT *and Professor of Mental and Moral Philosophy.*

HENRY LELAND CHAPMAN, D.D., LL.D., *Professor of English Literature.*

FRANKLIN CLEMENT ROBINSON, LL.D., *Professor of Chemistry and Mineralogy.*

HENRY JOHNSON, PH.D., *Professor of French.*

FRANK EDWARD WOODRUFF, A.M., RECORDER *and Professor of Greek.*

GEORGE THOMAS LITTLE, LITT.D., *Librarian.*

WILLIAM ALBION MOODY, A.M., *Professor of Mathematics.*

CHARLES CLIFFORD HUTCHINS, A.M., *Professor of Physics.*

FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Hygiene and Physical Training.*

GEORGE TAYLOR FILES, PH.D., *Professor of Germanic Languages.*

WILMOT BROOKINGS MITCHELL, A.M., *Professor of Rhetoric and Oratory.*

ALLEN JOHNSON, PH.D., *Professor of History and Political Science.*

CHARLES THEODORE BURNETT, PH.D., REGISTRAR *and Professor of Psychology.*

ROSCOE JAMES HAM, A.M., *Professor of German.*

FREDERIC WILLIS BROWN, PH.D., *Professor of Modern Languages.*

HENRY PRATT FAIRCHILD, PH.D., *Professor of Economics and Sociology.*

[WILLIAM TRUFANT FOSTER, A.M., *Professor of English and Argumentation.*] On leave of absence, 1909–1910.

KENNETH CHARLES MORTON SILLS, A.M., SECRETARY OF THE FACULTY *and Professor of Latin.*

MANTON COPELAND, S.M., PH.D., *Assistant Professor of Biology.*

MARSHALL PERLEY CRAM, PH.D., *Assistant Professor of Chemistry.*

PAUL NIXON, A.M., *Assistant Professor of Classics and History.*

HUDSON BRIDGE HASTINGS, S.B., *Assistant Professor of Surveying and Drawing.*

JONATHAN FRENCH SCOTT, A.M., CLERK OF THE FACULTY *and Instructor in History.*

RALPH BUSHNELL STONE, A.M., *Instructor in Mathematics.*

CHARLES WILBERT SNOW, A.B., *Instructor in English and Argumentation.*

JAMES LUKENS McCONAUGHY, A.B., *Instructor in English and Secretary of the Christian Association.*

Committees of the Faculty

RECORDING. — The Registrar, *Chairman;* Professors Files, Moody and Woodruff.

LIBRARY. — Dr. Little, *Chairman;* Professors Chapman, Hutchins, Allen Johnson and Henry Johnson.

PUBLIC EXERCISES. — Professor Robinson, *Chairman;* Professor Henry Johnson and Dr. Little.

MUSIC. — Professor Woodruff, *Chairman;* Professors Chapman and Burnett.

RELATIONS WITH PREPARATORY SCHOOLS. — Professor Files, *Chairman;* Professors Ham, Fairchild and Assistant Professor Nixon.

ADVISORY COMMITTEE ON ATHLETICS. — Professor Whittier, *Chairman;* Professors Hutchins and Allen Johnson.

EXAMINING. — The Registrar, *Chairman;* Professors Brown, Allen Johnson, Mitchell, Moody, Sills, Woodruff and Ham.

ADMINISTRATIVE. — The President, *Chairman;* Professors Hastings, Mitchell, Robinson and Sills.

STUDENT AID. — The President, *Chairman;* Professors Whittier, Files and Allen Johnson.

CATALOGUE. — The Registrar, *Chairman;* Professors Allen Johnson and Ham.

ADMISSION TO THE COLLEGE

Subjects in which Examinations are held

Candidates for admission to the Freshman Class are examined in the following subjects :

ENGLISH

Preparation in English has two main objects : (1) command of correct and clear English, spoken and written ; (2) power to read with intelligence and appreciation.

To secure the first end, training in grammar and the simpler principles of rhetoric, and the writing of frequent compositions are essential. The candidate must be able to spell, capitalize, and punctuate correctly. He must show a practical knowledge of the essentials of English grammar, including ordinary grammatical terminology, inflections, syntax, the use of phrases and clauses ; a thorough training in the construction of the sentence ; and familiarity with the simpler principles governing paragraphs and different kinds of whole compositions, including letter-writing.

To secure the second end, the candidate is required to read the works named below. The list is intended to give the candidate the opportunity of reading, under intelligent direction, a number of important pieces of literature.

Reading and Practice.— The candidate should read the books prescribed below with a view to understanding and enjoying them. He will be required to present evidence of a general knowledge of their subject-matter, and to answer simple questions on the lives of their authors. To test the candidate's command of clear and accurate English, he will be required to write brief compositions upon one or more topics drawn from the assigned readings. After 1910 the candidate will also be required to write upon one or more subjects of ordinary experience or knowledge, not taken from the prescribed books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books for this part of the examination will be :

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For 1910, 1911.— Shakespeare's The Merchant of Venice and Julius Caesar; the Sir Roger de Coverley Papers in the *Spectator;* Franklin's Autobiography; Scott's The Lady of the Lake and Ivanhoe; Hawthorne's The House of the Seven Gables; Macaulay's Lays of Ancient Rome; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Dickens's A Tale of Two Cities.

For 1912.—Shakespeare's Julius Caesar and As You Like It; Franklin's Autobiography; Goldsmith's The Deserted Village; Dickens's A Tale of Two Cities; George Eliot's Silas Marner; Irving's Sketch Book; Scott's The Lady of the Lake; Byron's Mazeppa and The Prisoner of Chillon; Macaulay's Lays of Ancient Rome.

The lists for the classes entering in 1910 and 1911 are selected from the list adopted by the Conference on Uniform Entrance Requirements in English, at a meeting held in Newark, N. J., February 22, 1905. That list may be found in the Bowdoin College Catalogue, 1905–1906 (p. 41), or will be furnished on application to the College. Candidates may make other selections from that list provided that on or before the first day of February preceding the examination they give notice to the Registrar of the College of their intention to present these books.

For classes entering after 1912, the books provided for Reading and Practice are arranged in the following groups, from which ten units — each unit is set off by semicolons — are to be selected, two from each group except that Group 1 may be wholly omitted: GROUP 1. The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's Aeneid. The Odyssey, Iliad, and Aeneid should be read in English translations of recognized literary excellence. For any unit of this group a unit from any other group may be substituted. GROUP 2. Shakespeare's The Merchant of Venice; Midsummer Night's Dream; As You Like It; Twelfth Night; Henry the Fifth; Julius Caesar. GROUP 3. Defoe's Robinson Crusoe, Part I; Goldsmith's Vicar of Wakefield; either Scott's Ivanhoe, or Scott's Quentin Durward; Hawthorne's The House of the Seven Gables; either Dick-

ens's David Copperfield, or Dickens's A Tale of Two Cities; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; George Eliot's Silas Marner; Stevenson's Treasure Island. GROUP 4. Bunyan's The Pilgrim's Progress, Part I; The Sir Roger de Coverley Papers in the *Spectator;* Franklin's Autobiography (condensed): Irving's Sketch Book, Macaulay's Essays on Lord Clive and Warren Hastings, Thackeray's English Humorists; Selections from Lincoln, including at least the two Inaugurals, the speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's Oregon Trail; either Thoreau's Walden, or Huxley's Autobiography and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Stevenson's Inland Voyage and Travels with a Donkey. GROUP 5. Palgrave's Golden Treasury (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's Elegy in a Country Churchyard and Goldsmith's The Deserted Village; Coleridge's Ancient Mariner and Lowell's Vision of Sir Launfal; Scott's The Lady of the Lake; Byron's Childe Harold, Canto IV, and Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Book IV, with especial attention to Wordsworth, Keats, and Shelley; Poe's Raven, Longfellow's Courtship of Miles Standish, and Whittier's Snow Bound; Macaulay's Lays of Ancient Rome and Arnold's Sohrab and Rustum; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa — Down in the City.

Study and Practice.— The candidate should read the books prescribed below with the view of acquiring such knowledge of their contents as will enable him to answer specific questions with accuracy and some detail. The examination is not designed, however, to require minute drill in difficulties of verbal expressions, unimportant allusions and technical details.

For 1910, 1911.— Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro and Il Penseroso; Burke's Speech on Conciliation with America or Washington's Farewell Address and Webster's First

Bunker Hill Oration; Macaulay's Life of Johnson or Carlyle's Essay on Burns.

For 1912.— Shakespeare's Macbeth; Milton's Comus, L'Allegro and Il Penseroso; or Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Burke's Speech on Conciliation with America or Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson or Carlyle's Essay on Burns.

For 1913. — Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, and Comus; either Burke's Speech on Conciliation with America, or both Washington's Farewell Address and Webster's First Bunker Hill Oration; either Macaulay's Life of Johnson, or Carlyle's Essay on Burns.

The examination will be divided into two parts, one of which may be taken as a preliminary, the other as a final. The first part of the examination will be upon the books required for Reading and Practice and may include questions upon grammar and the simpler principles of rhetoric. The second part of the examination will test the candidate's knowledge of the books required for Study and Practice, also his ability to develop a theme through several paragraphs. For 1910 subjects will be drawn from books required for Study and Practice, and after 1910, from these books, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading.

MATHEMATICS

I. Algebra. The requirement in Algebra embraces the following topics: All elementary processes necessary for the solution of simultaneous equations of the first degree; the statement and solution of problems leading to these equations; treatment of inequalities; doctrine of square and cube root; theory of exponents; radicals and imaginaries; solution of quadratics and equations in quadratic form by the method of completing the square, by factoring and by a formula; discussion of the properties of quadratics; quadratics containing two unknown quantities and the solution of problems leading thereto; ratio and proportion; arithmetical and geometric progressions; binomial theorem for positive integral exponents.

II. Plane Geometry. The requirement in Plane Geometry includes the theorems and exercises of the ordinary school text-book; mensuration of plane figures; and numerical problems based on the text. The candidate should be able to write formal demonstrations of simple original theorems.

III. Advanced Algebra. The following subjects or their equivalents: Indeterminate equations, undetermined coefficients, binomial theorem, theory of limits, logarithmic series, solution of equations by synthetic division with necessary theorems, and graphs of quantics, with rational, or with not more than two irrational or imaginary roots.

IV. Solid Geometry, as represented by the ordinary college text-books. Candidates must readily solve problems of solid mensuration and demonstrate original theorems which may be easily deduced from the text.

V. Plane Trigonometry as represented by the usual text-books. Candidates must be familiar with the theory and use of six-place logarithmic tables.

LATIN

I. Elementary Latin. The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts :

(*a*) The translation at sight of simple Latin prose and verse.

(*b*) A thorough examination on Cicero's second, third, and fourth speeches against Catiline, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Latin prose, involving the use of such words, constructions, and idioms only, as occur in the speeches prescribed.

II. Advanced Latin. This examination, which must be preceded by the examination in Elementary Latin, will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *four* school years. It will consist of two parts :

(*a*) The translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions and idioms, and on prosody.

(*b*) The translation into Latin prose of a passage of connected

English narrative. The passage set for translation will be based on some portion of the Latin prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

The examinations, except as stated in I*b* above, will be directed to testing the candidate's knowledge of Latin, and his ability to read and understand the language rather than his knowledge of special works which he has studied. It is believed that a course of four years with five lessons a week covering an amount equal to four books of Cæsar, six orations of Cicero, and six books of Virgil's Æneid, together with practice in Latin composition and in reading at sight, will be sufficient to give the required proficiency.

GREEK

I. Elementary Greek. The examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the examination in Elementary Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts:

(*a*) The translation at sight of passages of simple Attic prose.

(*b*) A thorough examination on Xenophon's "Anabasis," Book II, directed to testing the candidate's mastery of the ordinary forms, constructions and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions and idioms only as occur in the portion of Xenophon prescribed.

II. Advanced Greek. This examination, which must be preceded by the examination in Elementary Greek, will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the examination in Advanced Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(*a*) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions and idioms, and on prosody.

(*b*) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on

some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

> The examinations, except as stated in I*b* above, will be directed to testing the candidate's knowledge of Greek and his ability to read and understand the language rather than his knowledge of special works which he has studied. It is believed that a course of three years with five exercises a week, covering four books of the Anabasis or their equivalent in Attic prose and 2000 verses of Homer, together with practice in prose composition and sight reading, will give the required proficiency.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America.

I. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of

the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le roi des montagnes;* Bruno, *Le tour de la France;* Daudet's easier short tales; De la Bédollière, *La Mère Michel et son chat;* Erckmann-Chatrian's stories; Foa, *Contes biographiques* and *Le petit Robinson de Paris;* Foncin, *Le pays de France;* Labiche and Martin, *La poudre aux yeux* and *Le voyage de M. Perrichon;* Legouvé and Labiche, *La cigale chez les fourmis;* Malot, *Sans famille;* Mairet, *La tâche du petit Pierre;* Mérimée, *Colomba;* extracts from Michelet; Sarcy, *Le siège de Paris;* Verne's stories.

II. ADVANCED FRENCH

This should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le gendre de M. Poirier;* Béranger's poems; Corneille, *Le Cid* and *Horace;* Coppée's poems; Daudet, *La belle Nivernaise;* La Brète, *Mon oncle et mon curé;* Madame de Sévigné's letters; Hugo, *Hernani* and *La chute;* Labiche's plays; Loit, *Pêcheur d'Islande;* Mignet's historical writings; Molière, *L'avare* and *Le bourgeois gentilhomme;* Racine, *Athalie*, *Andromaque*, and *Esther;* George Sand's plays and stories, Sandeau, *Mademoiselle de la Seiglière;* Scribe's plays; Thierry; *Récits des temps mérovingiens;* Thiers, *L'expédition de Bonaparte en Egypte;* Vigny, *La canne de jonc;* Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

I. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill upon pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of

everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs, also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the end of enabling the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list; Andersen, *Märchen* and *Bilderbuch ohne Bilder;* Arnold, *Fritz auf Ferien;* Baumbach, *Die Nonna* and *Der Schwiegersohn;* Gerstäcker, *Germelshausen;* Heyse, *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende;* Hillern, *Höher als die Kirche;* Jensen, *Die braune Erica;* Leander, *Träumereien* and *Kleine Geschichten;* Seidel, *Märchen;* Stökl, *Unter dem Christbaum;* Storm, *Immensee* and *Geschichten aus der Tonne;* Zschokke, *Der zerbrochene Krug.*

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen;* Elz, *Er ist nicht eifersüchtig;* Wichert, *An der Majorsecke;* Wilhelmi, *Einer muss heiraten.* Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug;* then *Höher als die Kirche*, or *Immensee;* next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess.*

II. ADVANCED GERMAN

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise upon word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein;* Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit,* for example *Karl der Grosse, Aus den Kreuzzügen, Doktor Luther, Aus dem Staat Friedrichs des Grossen;* Fouqué, *Undine;* Gerstäcker, *Irrfahrten;* Goethe, *Hermann und Dorothea* and *Iphigenie;* Heine's poems and *Reisebilder;* Hoffman, *Historische Erzählungen;* Lessing, *Minna von Barnhelm;* Meyer, *Gustav Adolfs Page;* Moser, *Der Bibliothekar;* Riehl, *Novellen,* for example *Burg Neideck, Der Fluch der Schönheit, Der stumme Ratsherr, Das Spielmannskind;* Rosegger, *Waldheimat;* Schiller, *Der Neffe als Onkel, Der Geisterseher, Wilhelm Tell, Die Jungfrau von Orleans, Das Lied von der Glocke, Balladen;* Scheffel, *Der Trompeter von Säkkingen;* Uhland's poems; Wildenbruch, *Das edle Blut.* A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher;* (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

CHEMISTRY

General chemistry as represented by Remsen's "Introduction to Chemistry" or some other text-book of similar scope. Candidates must present note-books, certified by their instructors, in which are the results of their own experiments and full notes of processes; and not less than one-half of the time spent upon chemistry must have been given to laboratory work.

PHYSICS

Physics as represented by Gage's "Elements of Physics" or other text-book of equal grade. Candidates must be able to solve numerical examples under the various sections; must have performed forty experiments from Hall and Bergen's text-book, and have kept a note-book containing a written description in their own language of their experiments, with all their calculations. These note-books must be certified by their instructors and presented at the examination.

HISTORY (INCLUDING HISTORICAL GEOGRAPHY)

I. Greek History. To the death of Alexander with due reference to Greek life, literature, and art.

II. Roman History. To 800 A.D. with due reference to government and institutions.

III. English History. With special reference to social and political development.

IV. American History. With special attention to the development of institutions and principles of civil government.

The examinations in these subjects will call for comparison of historical characters and periods, for summaries of institutional development, and in general for exercise of judgment as well as memory. A knowledge of historical geography, which will be tested by an outline map, is essential. The amount of collateral reading which has been done by the student will be taken into consideration. In general, all schools are urged to take steps to make their courses conform as far as possible to the recommendations of the Committee of Seven.

Terms of Admission

The subjects which have been mentioned in the previous pages may be presented in satisfaction of the requirements for admission to the Freshman Class in Bowdoin College under the following conditions. The basis of the system is the work represented by a course pursued five hours per week for a period of thirty-eight weeks. Such a course counts two points.

Bowdoin College

I. A candidate for admission must offer subjects amounting in all to 29 points.

II. The following subjects aggregating 22 points are required:

English	6
Latin	8
Algebra	4
Plane Geometry	2
Roman History	1
Greek, English or American History	1
	22

III. Subjects amounting to 7 points must be elected from the following list:

Greek, Elementary	4	Physics	2
Greek, Advanced	2	Advanced Algebra	1
French, Elementary	4	Solid Geometry	1
French, Advanced	2	Trigonometry	1
German, Elementary	4	Greek History	1
German, Advanced	2	American History	1
Chemistry	2	English History	1

IV. If Elementary Greek is not presented, the candidate for admission must offer either Elementary French or Elementary German.

Methods of Admission

ADMISSION BY EXAMINATION

The regular examinations for admission to college will be held in Banister Hall, in Brunswick, on Thursday, Friday and Saturday, June 23, 24 and 25, 1910, and on Monday, Tuesday and Wednesday, September 19, 20 and 21, 1910. At the examinations in June, attendance is required at 8.30 A.M. on Thursday. At the examinations in September, attendance is required at 8.30 A.M. on Monday. The examinations are chiefly in writing. The schedule for the examinations of either period will be sent on application.

Admission

Examinations at Preparatory Schools. Printed examination papers in certain of the subjects required for admission to college will be furnished to the principal of any high school or academy of good standing, having a regular college preparatory course of not less than three years in length, for the use of such of his students as propose to join the Freshman class at Bowdoin. In exceptional cases, the conduct of the examinations may, on the recommendation of the principal, be entrusted to some other person approved by the Faculty.

The following are the subjects in which papers will be sent: 1, English; 2, Elementary Greek; 3, Advanced Greek; 4, Elementary Latin; 5, Advanced Latin (two papers); 6, Algebra; 7, Plane Geometry; 8, Elementary French; 9, Advanced French; 10, Elementary German; 11, Advanced German; 12, Roman History; 13, Greek History; 14, English History; 15, American History.

On each of the above subjects, except Advanced Latin, one paper is sent. In Advanced Latin there are two papers (a and b), the second of which consists of Latin Composition.

No papers will be sent in Advanced Mathematics, Chemistry or Physics. The entrance examinations in these subjects can be taken only at Brunswick.

In holding entrance examinations elsewhere than in Brunswick, the following regulations are to be observed:

1. Papers are sent only in June. The dates for holding the examinations this year are June 9, 10 and 11. *Under no circumstances can papers be sent at any other dates.*

2. Applications for papers, addressed to the Registrar, must be received *not later than June* 6 and should state the name of the school, the subjects in which papers are desired, and the number of students to be examined in each subject.

3. Printed examination papers, together with the requisite number of blue-books, will be sent to the principal by express, prepaid, in time for the examination. On the completion of the examination, the books are to be returned at once by express, at the expense of the college.

4. The examinations are to be conducted by the principal in conformity with a schedule of hours fixed by the college. Copies of the schedule can ordinarily be obtained by May 15, on application to the Registrar.

Examinations are also held at Thornton Academy, Saco; at

Washington Academy, East Machias; at Fryeburg Academy; and at Lincoln Academy, Newcastle, these schools having been made special fitting schools for the college by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the college.

The entrance examinations may, if the candidate prefers, be divided between two or more successive years, or between June and September of the same year. In that case a certificate will be given for such subjects as are passed at each examination.

A report of the results of the examinations, whether at Brunswick or elsewhere, is made to the principal, and also to the candidate, within two weeks after Commencement.

ADMISSION BY CERTIFICATE

In place of examinations, certificates will be received from preparatory schools in New England which have been approved by the New England College Entrance Certificate Board. This Board is an association of colleges established for the purpose of receiving, examining, and acting upon all applications of schools in New England which ask for the privilege of certification. The associated colleges are Amherst, Boston University, Bowdoin, Brown, Dartmouth, Mount Holyoke, Smith, Tufts, the University of Maine, the University of Vermont, Wellesley, Wesleyan University, Williams. Certificates are in all cases passed upon by the individual college; but students are received on certificate from such schools only as have been approved by this Board. All schools desiring the certificate privilege should apply *before April 1st of each year* to the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, R. I.

The college has established a list of schools outside New England to which it accords the certificate privilege. Admission to this list can be obtained on presentation of evidence of qualification.

Blank certificates for admission to Bowdoin College may be had by principals on application to the Registrar.

The certificates, issued as the result of examinations which are held by the College Entrance Examination Board, will be accepted in so far as they meet the requirements for admission to Bowdoin College.

ADVANCED STANDING

Candidates for admission to the Sophomore, Junior and Senior classes, who do not present certificates from other colleges, are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. No one is admitted to the Senior Class after the beginning of the second semester. Applications for admission to advanced standing should be addressed to the Registrar.

TESTIMONIALS AND CERTIFICATES

Testimonials of good moral character must in all cases be presented before certificates of admission are granted. A testimonial is preferred from the teacher under whom the preparatory course was completed. A student from another college, before he can be admitted, must present a certificate of honorable dismissal.

BOND

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to college, as security for the payment of his term bills and any other charges that may arise under the college laws. A blank form for this purpose will be given with the certificate of admission.

SPECIAL STUDENTS

Persons who give evidence of maturity, earnestness of purpose and adequate preparation will be allowed to pursue special studies in connection with the regular classes, without becoming candidates for the degree of A.B.; but no student shall continue in such special standing for more than two years. Applications for admission as special students should be addressed to the Registrar.

Required and Elective Studies

REQUIRED STUDIES

In the Freshman year the following courses are required of all students: English 1, 2; French 1, 2 (or German, 1, 2); Hygiene 1 (1st semester); and English 5 (2d semester). In case a student offers both Elementary French and Elementary German for admission, an elective may be substituted in place of the required language.

In the Sophomore year, German is required of all students except those who offer either French or German (or both) for admission.

Credits in both Elementary French and Elementary German, obtained either at entrance to college or for college courses, are required for a degree. When no modern language is offered for admission French is ordinarily studied first in college.

In addition, a course in Physical Training is required of all students from December first to April first in each of the four years.

ELECTIVE STUDIES

All other courses, except those mentioned above, are elective, but subject to the following restrictions:

REGULATIONS GOVERNING THE ELECTION OF STUDIES

1. All students, both Regular and Special, are required to take four (4) full courses in each Semester in addition to the required work in Physical Training and Hygiene.

2. All Regular students are required to take a fifth (5) course during any two (2) Semesters after Freshman year.

3. No student is allowed to elect more than one (1) extra course in any semester without the consent of the Registrar.

4. No student is allowed to elect courses involving a conflict of hours, except with consent of the Faculty.

5. Each student is required to arrange his course of study in conformity with the following requirements in regard to Major and Minor Subjects.

DEFINITION. A Major is a subject pursued through six (6) courses. A Minor is a subject pursued through four (4) courses.

6. Each Regular student is required to have completed before graduation either

I. One major and two minor subjects, or

II. Two major subjects.

SCHEDULE OF FRESHMAN COURSES

NOTE. The variety of subjects that may be offered in fulfilment of the requirements for admission necessitates the division of students

into two groups, which in the following schedule of courses are designated as follows:

Class I. Candidates for the degree of A.B. who offer Greek for admission.

Class II. Candidates for the degree of A.B. who offer other subjects than Greek for admission.

Class I.

(The numeral in parentheses indicates the number of hours per week.)

Required Subjects: Hygiene (1) First Semester, English 5 (1) Second Semester, English 1, 2 (4), and French 1, 2 (3), or German 1, 2 (3).

Elective Subjects: Choose two of the following: Mathematics, 1, 2 (4), Latin 1, 2 (4), Greek 1, 2 (4), History 1, 2 (3).

Class II.

Required Subjects: Hygiene (1) First Semester, English 5 (1) Second Semester, English 1, 2 (4), and German 1, 2 (3), or French 1, 2 (3).

In case a candidate offers both French and German, an elective may be substituted in place of the required language.

Elective Subjects: Choose one from the following: Mathematics, 1, 2 (4), Latin 1, 2 (4); and one of the following: Greek A, B (4), French 3, 4 (3); Physics 1, 2 (3), Latin 1, 2 (4), or Mathematics 1, 2 (4), History 1, 2 (3) under conditions.

Those who elect Physics 1, 2 in Freshman year must also elect Mathematics 1, 2; and those who elect Physics 1, 2 in Sophomore year must have taken Mathematics 1, 2 in the Freshman year.

Elective Subjects for those who offer both Elementary and Advanced German for admission: Choose one of the following; Mathematics 1, 2 (4), Latin 1, 2 (4); and one of the following: Greek A, B (4), Physics 1, 2 (3), Latin 1, 2 (4), Mathematics 1, 2 (4), German 3, 4 (3), or History 1, 2 (3).

Courses of Instruction

GREEK

PROFESSOR WOODRUFF; ASSISTANT PROFESSOR NIXON

A. Gleason's Greek Primer, First Semester: four hours, at the convenience of instructor and students.

B. Xenophon's Anabasis, with exercises in writing Greek; the Iliad and a study of Homeric forms. A continuation of Course A. Second Semester at the same hours. ASSISTANT PROFESSOR NIXON

Courses A, B are elective for all who enter college without Greek, and are a preparation for the Freshman courses. They will be omitted whenever there are fewer than three applicants.

1. The Odyssey with written translations and essays, and study of the life and art of the Homeric age; followed by selections from Xenophon (Memorabilia or Cyropaedia) or Herodotus. First Semester: Monday, Tuesday, Thursday, Friday, 1.30.

2. Selections from Xenophon or Herodotus continued; followed by the Gospel of Mark, with study of the life and institutions of Palestine in New Testament times. Second Semester: Monday, Tuesday, Thursday, Friday, 1.30. PROFESSOR WOODRUFF

Courses 1, 2 are elective for Freshmen, Class I, and all who have completed Courses A, B.

3. Introduction to Dramatic Poetry with study of the origin and development of the Greek drama and the construction and usages of the Greek theatre together with the reading of several plays of Euripides; in alternation with the Lyric Poets. First Semester: Tuesday, Thursday, Saturday, 10.30.

4. Dramatic Poetry continued. Selected plays of Sophocles, Aeschylus and Aristophanes; in alternation with Lysias. Second Semester: Tuesday, Thursday, Saturday, 10.30.

PROFESSOR WOODRUFF

Courses 3, 4 are elective for students who have taken Courses 1, 2.

5. Plato's Apology and Crito, with selected passages from the Phaedo and other dialogues; in alternation with Aeschylus or Aristophanes. First Semester: three hours, at the convenience of instructor and students.

6. Demosthenes, De Corona, with the history of the development of Greek oratory; in alternation with Thucydides and Lucian. Second Semester: three hours, at the convenience of instructor and students.

PROFESSOR WOODRUFF

Courses 5, 6 are elective for students who have taken Courses 3, 4. These courses may be elected for two successive years.

7. Greek Literature in English Translation. Lectures and readings, with assignment of selected works for special study and fortnightly written tests. After a general introduction, including a rapid review of the Epic period, the main work of the course will be in Lyric Poetry and the development of Tragedy from Aeschylus to Euripides. First Semester: Tuesday, Thursday, Saturday, 9.30.

8. Continuation of Course 7. Second Semester, at the same hours. Aristophanes, Thucydides and Plato. PROFESSOR WOODRUFF

Courses 7, 8 are elective for Seniors and Juniors.

LATIN

PROFESSOR SILLS; ASSISTANT PROFESSOR NIXON

1. Introduction to Latin Prose Literature. Selections from Livy, Cicero and Pliny the Younger. First Semester: four hours a week. Div. A, Monday, 3.30, Tuesday, 11.30, Thursday, Saturday, 9.30. Div. B, Monday, 2.30, Tuesday, Thursday, Saturday, 10.30. Div. C, Monday, 10.30, Tuesday, 3.30, Wednesday, 10.30, Thursday, 3.30.

Elective for Freshmen.

2. Introduction to Latin Poetry and Drama. Horace, Selected Odes; Terence, one play; Plautus, one play. Second Semester: at the same hours.

PROFESSOR SILLS and ASSISTANT PROFESSOR NIXON

Elective for Freshmen.

Prerequisite, except in special cases, Course 1.

3. General View of Latin Literature, from the Origins to Ovid. Lectures and selected readings from Plautus, Terence and the Satires of Horace. First Semester: Tuesday, Thursday, Saturday, 8.30.

Elective for Sophomores.
Prerequisite, Courses 1, 2.

4. Continuation of Course 3 from Ovid to Claudian. Lectures and selected readings from Tacitus and Juvenal. Second Semester: at the same hours. PROFESSOR SILLS

Elective for Sophomores.
Prerequisite, Courses 1, 2, 3.

5. Lucretius: De Rerum Natura; and Virgil: the Georgics. First Semester: two hours a week, at the convenience of instructor and students. PROFESSOR SILLS

Elective for Seniors and Juniors.
Prerequisite, four courses in Latin.

6. The Latin Lyric, especially Catullus. Second Semester: two hours a week, at the convenience of instructor and students.
ASSISTANT PROFESSOR NIXON

Elective for Seniors and Juniors.
Prerequisite, four courses in Latin.

[7. Virgil. The Aeneid will be read entire; and the lectures will discuss Virgil as an epic poet and Virgil's literary influence, particularly on English poets. Lectures, reports and translations of assigned passages. Second Semester: Monday, Wednesday, Friday, 11.30. Omitted in 1909–1910. To be given in 1910–1911.]

Elective for Sophomores, Juniors and Seniors.

8. Latin Influence in English Literature. The character and quality of English Literature as affected by the influence of the classics; and the study of the Latin heritage of the principal English poets. Lectures, reports, and outside readings in Latin and English. Second Semester: three hours a week. Monday, Wednesday, Friday, 11.30. PROFESSOR SILLS

Elective for Seniors, Juniors and Sophomores.
No previous course in Latin is required.

In 1910–1911 alternate courses for Courses 5, 6, will be offered, and different authors will be read in Courses 3, 4.

Latin Composition. A course of one hour a week from November 1 to May 1 will be offered by Professor Sills for especially qualified students; the course not to count as a regular college course, but towards honors in the department of Latin.

Assistant Professor Nixon will be ready to give conferences to Freshmen who wish advice in collateral reading.

FRENCH

PROFESSOR HENRY JOHNSON; PROFESSOR BROWN

I. Grammar, composition and reading of simple texts. First Semester: Monday, Wednesday, Friday, 9.30.

2. Grammar, composition and reading of modern prose. Second Semester: Monday, Wednesday, Friday, 9.30.

PROFESSOR BROWN

Courses 1, 2 are required of all Freshmen and other first-year students who have not received credit in Elementary French for admission.

3. Modern Literature: Prose of the Nineteenth Century. Special study of pronunciation and of the principles of syntax. First Semester: Monday, Wednesday, Friday. Div. A, 9.30; Div. B, 10.30.

Written reports on assigned outside reading are required parts of all courses offered in French Literature.

4. Continuation of Course 3: Prose and Poetry. Second Semester: at the same hours. PROFESSOR JOHNSON

Courses 3, 4 are open to students who have passed in Courses 1, 2, or who have done equivalent work previous to admission to college.

[7. Nineteenth Century Literature and Literary Criticism; Chateaubriand, Lamartine, Hugo and Musset. First Semester: Monday, Wednesday, Friday, 11.30.]

[8. Continuation of Course 7: Vigny, Mérimée, Balzac, Sand, Gautier, Sainte-Beuve, Daudet, Zola, Flaubert Maupassant. Second Semester: at the same hours.] Courses 7, 8 omitted in 1909–1910. To be given in 1910–1911.

[9. Eighteenth Century Literature and Literary Criticism. First Semester: Monday, Wednesday, Friday, 11.30.]

[10. Continuation of Course 9. Second Semester: at the same hours.] Courses 9, 10 omitted in 1909–1910.

11. Seventeenth Century Literature and Literary Criticism. First Semester: Monday, Wednesday, Friday, 11.30.

12. Continuation of Course 11. Second Semester: at the same hours. Courses 11, 12 will not be given in 1910–1911.

PROFESSOR BROWN

In courses 7–12 opportunity will be given for systematic practice in French composition.

13. History of French Literature, including Old Provençal. Lectures, interpretation of selected texts of the ninth to the sixteenth centuries. Reference text-books: Pellissier, Précis. First Semester: Monday, Wednesday, Friday, 11.30.

14. Continuation of Course 13. Seventeenth to the Nineteenth Centuries. Second Semester: Monday, Wednesday, Friday, 11.30.

Courses 13, 14 are open to Seniors and Juniors.

GERMAN

PROFESSOR FILES; PROFESSOR HAM

1. Grammar, pronunciation, composition and reading of graded texts. Ham and Leonard's German Grammar. First Semester: Div. A, Monday, Wednesday, Friday, 1.30; Div. B, Monday, Wednesday, Friday, 2.30; Div. C, Tuesday, Thursday, 1.30 and Saturday, 8.30.

2. Grammar, prose composition, translation of modern German prose. Second Semester: Div. A, Monday, Wednesday, Friday, 1.30; Div. B, Monday, Wednesday, Friday, 2.30; Div. C, Tuesday, Thursday, 1.30 and Saturday, 8.30.

PROFESSORS FILES and HAM

Courses 1, 2 are required of Freshmen who offer French for admission, and of all Sophomers who have not previously taken these courses or an equivalent.

3. Prose Composition and Reading. Advanced prose composition. Drama of the classical period: in 1909–1910, Schiller. First Semester: Tuesday, Thursday, Saturday, 10.30.

4. Prose Composition and Reading. Course 3 continued. Second Semester: Tuesday, Thursday, Saturday, 10.30.

PROFESSOR FILES

Courses 3, 4 are elective for those students who have taken 1, 2 or an equivalent. The time devoted to class-room work is equally divided between prose composition and reading. In the year 1909-1910 the material for reading and study will be selected from the second classical period, in particular from the dramatic works of Schiller.

5. Prose and Poetry of the Nineteenth Century. A course in rapid reading selected from works of Heine, Scheffel, Heyse, Fulda, Baumbach and others. Practice in writing German. First Semester: Tuesday, Thursday, Saturday, 8.30.

6. Prose and Poetry of the Nineteenth Century. A continuation of Course 5. Second Semester: Tuesday, Thursday, Saturday, 8.30.

PROFESSOR HAM

Courses 5, 6 are given parallel with Courses 3, 4 and may be elected in the same year; they are elective for those students who have taken Courses 1, 2 or an equivalent. Courses 5, 6 are designed to meet the needs of students who desire to acquire greater facility in reading German and acquaintance with some of the most recent literature of Germany. A portion of each exercise, however, is devoted to study of grammatical form and prose composition.

7. Life and Works of Schiller. Reading from the dramas, poems, and historical writings, with study of the poet's life. First Semester: Tuesday, Thursday, Saturday, 9.30.

8. Life and Works of Schiller. A continuation of Course 7. Second Semester: Tuesday, Thursday, Saturday, 9.30.

PROFESSOR HAM

Courses 7, 8 are elective for those students who have studied German two years. For 1910–1911: History of German Literature from the beginning of the Second Classical Period to about 1860. Reading of selected literary masterpieces accompanied by weekly lectures in German on the period.

9. History of German Literature to the Second Classical Period. Lectures and collateral reading from Thomas's Anthology. First Semester: Tuesday, Thursday, Saturday, 11.30

10. History of German Literature to the Second Classical Period. A continuation of Course 9. Second Semester: Tuesday, Thursday, Saturday, 11.30. PROFESSOR FILES

Courses 9, 10 are elective for students who have taken Courses 1, 2 (or equivalent), and 3, 4 (in special instances also 5, 6). They are intended to give a careful survey of the history of German literature from the earliest times to the second classical period. The lectures are in German.

11. Contemporary German Drama. A careful study of some of the more important stage-plays of recent years, with special emphasis upon their literary value, their dramatic construction, and the social problems suggested. The course will comprise also a study of the contemporary drama in Europe and America. First Semester: Tuesday, 2.30 to 4.30.

12. Contemporary German Drama. A continuation of Course 11. Second Semester: Tuesday, 2.30 to 4.30. PROFESSOR FILES

Courses 11 and 12 are elective for students who have studied German three (in exceptional cases, two) years.

[13. Goethe's Faust. Part I and portions of Part II. First Semester: Tuesday, 3.30 to 4.30. Omitted in 1909–1910.]

[14. Goethe's Faust. A continuation of Course 13. Second Semester: Tuesday, 2.30 to 4.30. Omitted in 1909–1910.]

PROFESSOR FILES

Courses 13, 14 are given in alternation with Courses 11, 12 and under the same conditions.

15. Gothic. Grammar and reading from the Gothic Bible. First Semester: two hours a week at the convenience of instructor and class. PROFESSOR FILES

16. Gothic. Translation of selected passages from the Gothic Bible. Introduction to Old High German, — development of sounds and inflections. Second Semester: three hours a week at the convenience of instructor and class. PROFESSOR HAM

Courses 15, 16 are open to students who have studied German at least three years. They are intended to furnish an introductory course to the study of Germanic philology, with an especial view to the needs of students who intend to enter upon university work in Germanics.

SPANISH

PROFESSOR BROWN

[1. Grammar, composition and reading. First Semester: Three hours a week.]

[2. Continuation of Course 1. Reading of modern prose. Second Semester: Three hours a week.]

The courses in Spanish may be counted towards the degree of A. B. only when both are elected in the same year. They are elective for Juniors and Seniors, and, with the consent of the instructor, for Sophomores. Omitted in 1909–1910.

ITALIAN

PROFESSOR BROWN

1. Elementary Course. Grammar, composition and reading. First Semester: Monday, Wednesday, Friday, 10 30.

2. Continuation of Course 1. Selections from the prose and poetry of the eighteenth and nineteenth centuries. A brief outline of Italian literature will be presented by means of lectures. Second Semester: Monday, Wednesday, Friday, 10.30.

If a sufficient number of students taking Courses 1, 2 desire it, an advanced course will be given in 1910–1911 dealing with Italian literature from Dante to the Renaissance.

ENGLISH LITERATURE

PROFESSOR CHAPMAN

1. English Literature of the Eighteenth Century. (*a*) Augustan authors; (*b*) The Romantic Movement. Text-book, lectures and readings. First Semester: Monday, Wednesday, Friday, 9.30.

2. English Poetry of the Nineteenth Century. Text-book, lectures and readings. Second Semester: Monday, Wednesday, Friday, 9.30.

Courses 1, 2 form a consecutive course throughout the year. They are elective for Seniors and Juniors.

3. Early English Literature. Lectures, with special study of Beowulf (in translation), the Vision of Piers Plowman and selections from the Canterbury Tales. First Semester: Tuesday, Thursday, Friday, 1.30.

4. (*a*) Elizabethan Literature. Select Plays of Shakespeare. (*b*) Seventeenth Century Authors. Lectures and readings. Second Semester: Tuesday, Thursday, Friday, 1.30.

Courses 3, 4 form a consecutive course, but either course may be taken without the other. They are elective for Seniors.

RHETORIC AND ORATORY

PROFESSOR MITCHELL; MR. SNOW; MR. MCCONAUGHY

ENGLISH

1. Espenshade's Composition and Rhetoric. A study of diction and of the structure of the sentence and the paragraph. Recitations, lectures, readings; written work with conferences, six long themes and occasional page themes; outside reading: The Jungle Book, Will o' the Mill, Virginibus Puerisque, Henry Esmond, The Golden Treasury, Henry IV, Schurz's Abraham Lincoln. First Semester: Div. A, Tuesday, Thursday, Friday, Saturday, 10.30. Div. B, Tuesday, Friday, Saturday, 11.30; Thursday, 9.30.

2. A continuation of the work in Course 1. Genung's Practical Rhetoric. A study of the theme as a whole introductory to the more detailed study of exposition, description, narration and argumentation in Courses 3, 4 and 6. Recitations, lectures, readings; written work with conferences, five long themes and occasional page themes; outside reading: Twice Told Tales, David Copperfield, Othello, Adam Bede, Treasure Island. Second Semester: Div. A, Tuesday, Thursday, Saturday, 10.30. Div. B, Tuesday, Saturday, 11.30; Thursday, 9.30.

PROFESSOR MITCHELL; MR. MCCONAUGHY

Courses 1, 2 are required of all Freshmen.

3. English Composition. A study of exposition and argumentation. Lectures, recitations, conferences. Daily themes; long themes. Foster's Argumentation and Debating. First Semester: Tuesday, Thursday, Saturday, 8.30 and 11.30.

4. Study of Modern Prose Writing. Required reading from the works of Goldsmith, Burke, Scott, Lamb, Carlyle, Thackeray, Dickens, Ruskin, Emerson, Stevenson. Frequent reports on outside reading. Recitations, lectures, conferences. Second Semester: Tuesday, Thursday, Saturday, 8.30 and 11.30.

MR. SNOW; MR. MCCONAUGHY

Courses 3, 4 are elective for Seniors, Juniors and Sophomores. Either may be taken without the other. Course 3 is a prerequisite for Course 6.

5. Public Speaking. Informal lectures; drill in articulation, intonation and gesture; short declamations with criticism by students and instructor; longer declamations, previously rehearsed to the instructor, spoken before the class. Second Semester: Div. C, Friday, 8.30. Div. E, Friday, 9.30. Div. D, Friday, 10.30. Div. F, Friday, 11.30. PROFESSOR MITCHELL

Course 5 is required of all Freshmen.

6. Argumentation and Debating. Study of the Principles of Argumentation and Masterpieces of Forensic Oratory. Preparation of briefs and forensics. Conferences. Lectures. Debates. First Semester: Tuesday evening. MR. SNOW

Elective for Seniors and Juniors who have credit for Courses 1, 2, 3, 5.

7. Debating and other Forms of Public Address. Continuation of Course 6. Weekly Debates. Study of the Letter, Editorial, Eulogy, Special Address, After-dinner Speech. Second Semester.

MR. SNOW

Four principal disputants are appointed for each debate, and students are required to speak frequently from the floor. The meetings are held in Hubbard Hall on Tuesday evening, 7 to 9.30, and at one other hour each week. Each debate is followed by criticism by the class and by the instructor. Students are given credit in this course for work done in the Bradbury Prize Debates. Elective for those who have taken Course 6.

Bowdoin College

EDUCATION

Professor Foster

[1. Introduction to the Study of Educational Theories and Practices. Recitations, required reading, lectures, reports, school visiting. Second Semester: Tuesday, Thursday, Saturday, 9.30.]

This course treats education as a vital function of society, and aims to acquaint the student with sources of material and with such general principles as may stimulate and guide further study. The scope and character of the work may be judged by the following topics: The aims, scope, and methods of education; the special functions of elementary and secondary education; correlation of studies; school hygiene; the relation of psychology and ethics to education; moral and religious education; adaptation to the individual.

[2. The General History of Education. The Development of schools and school systems. Discussion of contemporary problems and tendencies. Lectures, required reading, theses. First Semester: Tuesday, Thursday, Saturday, 9.30.]

These courses are planned to satisfy the requirements of those states and cities which demand the professional training of teachers; but the courses are not intended primarily for teachers. Rather they aim to be of value to the parent, the citizen, the educated individual in any community. A limited number of students with high scholarship will have opportunities to teach under the direction and criticism of the instructor. Psychology 1 is recommended as preparation for the courses in Education. Elective for Seniors and Juniors and, in special cases, for Sophomores.

[3. The teaching of English. First Semester.]

Elective for specially qualified students.
Note: The courses in Education are omitted in 1909–1910.

PHILOSOPHY AND PSYCHOLOGY

PRESIDENT HYDE; PROFESSOR BURNETT

PHILOSOPHY

1. Introduction to Philosophy. The problems of Philosophy will be taken up as they have been presented in the statements of modern philosophers from Descartes to Hegel. First Semester: Monday, Wednesday, Friday, 8.30.

2. Ethics. Reading of Plato's Republic, Aristotle's Ethics, Mill's Utilitarianism, and Dewey and Tufts's Ethics. Second Semester: Monday, Wednesday, Friday, 8.30. PRESIDENT HYDE

Courses 1, 2 are elective for Juniors and Seniors.

3. History of Philosophy. Text-book, lectures, quizzes, supplementary reading and short papers. First Semester: Tuesday, Thursday, Saturday, 11.30. PROFESSOR BURNETT

The object of this course is the training of the student to reflect upon the meaning of his deeds and purposes and upon the significance of the natural world by which he is surrounded and its relation to his purposes. To this end is chosen the historical method of guiding him along the path through which the occidental mind has arrived at more and more fruitful results in its own age-long reflection upon these matters. The course is elective for Seniors and Juniors and, with consent of the instructor, for Sophomores.

4. Philosophy of Idealism. Lectures and quizzes, with short papers. Second Semester: Tuesday, Thursday, Saturday, 11.30. PROFESSOR BURNETT

This course aims at the intensive study of a particular philosophical system and the application of its method in the attempted solution of the problems arising in a philosophical survey of the universe. The work of some important idealistic philosopher will be used as a text and discussed in detail. Prerequisite, Course 1 or 3.

PSYCHOLOGY

Professor Burnett

1. General Psychology. Text-book, lectures, quizzes and supplementary reading. First Semester: Tuesday, Thursday, Saturday, 8.30.

The aim of this course is to acquaint the student with the facts and the principles of the mind. Emphasis is laid upon those topics which are most intimately connected with the practical life, and a knowledge of which is highly important for a man of liberal education. The subject-matter is treated from the point of view of natural science. Where possible class-demonstrations are employed. A part of the time is devoted to laboratory work. Elective for Juniors and Seniors, and, with the consent of the instructor, for Sophomores.

2. Abnormal Psychology. Second Semester: Tuesday, Thursday, Saturday, 8.30.

This course considers the abnormal facts of mental life, such as insanity, hypnotism, multiple personality. Prerequisite, Course 1.

3. Social Psychology. First Semester: Tuesday, Thursday, Saturday, 9.30.

Prerequisite, Course 1.

4. Practice Course in Experimental Psychology. Second Semester: two laboratory periods of two hours each, at the convenience of instructor and students.

The object of this course is training in methods of investigation, in the discovery and reliance upon evidence, with special reference to the particular application to the science of psychology. To this end the experiments of pioneer investigators are repeated, and some of the problems of the special senses, of apperception, association, feeling, volition, attention are worked over in their wake. Prerequisite, Course 1.

5. Special Laboratory Investigations. First Semester.

6. Continuation of Course 5. Second Semester.

These courses admit a few well equipped students to assist the instructor in the conduct of original investigations. The hours are determined on consultation. Prerequisite, Courses 1 and 4.

HISTORY AND POLITICAL SCIENCE

PROFESSOR ALLEN JOHNSON; ASSISTANT PROFESSOR NIXON; MR. SCOTT

HISTORY

1. History of Greek Civilization. First Semester: Monday, Wednesday, Friday, 1.30.

2. History of Roman Civilization. Second Semester: Monday, Wednesday, Friday, 1.30. ASSISTANT PROFESSOR NIXON

While this course is introductory to Courses 3, 4, and 5, 6, it is not a prerequisite for them. It is elective for Freshmen. Besides the usual method of instruction by lectures and recitations, conferences will be held weekly for the discussion of assigned readings.

[3. History of Europe to the Renaissance. First Semester: Monday, Wednesday, Friday, 1.30.]

[4. History of Europe from the Renaissance to the Peace of Westphalia. Second Semester: Monday, Wednesday, Friday, 1.30.]

MR. SCOTT

Omitted in 1909–1910.

5. History of Europe from the Peace of Westphalia to the French Revolution. First Semester: Monday, Wednesday, Friday, 1.30.

6. History of Europe since the French Revolution. Second Semester: Monday, Wednesday, Friday, 1.30.

MR. SCOTT

Courses 5, 6 are given in alternation with Courses 3, 4. They are elective for Sophomores, Juniors and Seniors. Besides the usual method of instruction by lectures and quizzes, individual and group conferences will be held weekly for the discussion of assigned readings in selected sources and secondary authorities.

7. History of the United States from the Revolution to the Beginning of the Slavery Controversy. First Semester: Monday, Wednesday, Friday, 10.30. PROFESSOR ALLEN JOHNSON

The opening lectures of this course will give a summary account of American Colonial History with special reference to the development of political institutions.

8. History of the United States since 1850. Second Semester: Monday, Wednesday, Friday, 10.30.

PROFESSOR ALLEN JOHNSON

Courses 7, 8 form a consecutive course throughout the year. They are elective for Juniors and Seniors. Besides the usual method of instruction by means of lectures and quizzes, conferences will be held weekly for the discussion of assigned readings in selected sources and secondary authorities.

POLITICAL SCIENCE

PROFESSOR ALLEN JOHNSON

1. European Governments and Parties, with special reference to the Government of England. First Semester: Monday, Wednesday, Friday, 9.30.

2. American Government and Politics, with special reference to problems of State and Municipal Government. Second Semester: Monday, Wednesday, Friday, 9.30.

Courses 1, 2 form a consecutive course throughout the year. They are elective for Juniors and Seniors. The method of instruction will be the same as in the historical courses. In addition to lectures and quizzes, conferences will be arranged for the discussion of questions suggested by assigned readings.

ECONOMICS AND SOCIOLOGY

PROFESSOR FAIRCHILD

1. Elementary Economics. A general introduction to the subject, based on Ely's Outlines of Economics, used as a text-book. First Semester: Tuesday, Thursday, Saturday, 9.30.

Elective for Sophomores, Juniors and Seniors.

2. History of Economics. A brief review of the history of economic thought, with special reference to the economic conditions of the various periods. Lectures and collateral reading. Second Semester: Tuesday, Thursday, Saturday, 9.30.

Elective for Sophomores, Juniors and Seniors who have taken Course 1.

[3. Money, Finance and Banking. A brief introduction to these subjects with special reference to the United States. Text-books. First Semester: Tuesday, Thursday, Saturday, 11.30.]

Elective for Juniors and Seniors who have taken Course 1. Omitted in 1909-1910.

4. Physical and Commercial Geography. A study of the influence of the physical environment on the rise and development of trade. Based on Gregory, Keller and Bishop's text-book. Second Semester: Tuesday, Thursday, Saturday, 11.30.

Elective for Sophomores, Juniors and Seniors.

5. Elementary Sociology. A general introduction to the subject. The origin of man, characteristics and customs of primitive man, the growth of society, social institutions and customs, modern society, the social conditions and problems of to-day, with special reference to the United States. Lectures and collateral reading. First Semester: Tuesday, Thursday, Saturday, 10.30.

Elective for Juniors and Seniors.

6. Immigration. A study of the movements of peoples. Migration, colonization, modern emigration and immigration. The causes and effects of immigration. Social problems arising from immigration, with special reference to the United States. Lectures and collateral reading. Second Semester: Tuesday, Thursday, Saturday, 10.30.

Elective for Juniors and Seniors who have taken Course 5.

MATHEMATICS

PROFESSOR MOODY; MR. STONE

1. Algebra and Solid Geometry. An introduction to graphic algebra accompanies a review of portions of the preparatory algebra, and is followed by selected topics from series and limits, indeterminate equations, undetermined coefficients, binomial theorem, elements of the theory of logarithms, choice, determinants and higher equations. This portion of the work closes before the holiday vacation, and the remainder of the Semester is given to solid geometry with mensuration and original theorems. First Semester: Monday, Tuesday, Wednesday, Friday. Div. A, 9.30; Div. B, 8.30; Div. C, 1.30.

2. Solid Geometry and Trigonometry. Solid Geometry completed: trigonometry of the right triangle; practice with four-place tables in solving examples from algebra and geometry and simple problems of heights and distances. Demonstration of fundamental formulas for all angles, and proof of exercises drawn therefrom; the theory and use of six-place logarithmic tables; the solution of oblique

triangles, with problems and applications. Second Semester: Monday, Tuesday, Wednesday, Friday. Div. A, 9.30; Div. B, 8.30; Div. C, 1.30. PROFESSOR MOODY; MR. STONE

Courses 1, 2 are elective under certain conditions for all Freshmen except those who pass in these subjects at the entrance examinations or who elect Physics during Freshman or Sophomore year.

1b. Conic Sections. Elementary geometric theorems and constructions. Three hours per week at the convenience of the instructor from January to end of the First Semester.

2b. Mensuration. Logarithmic computations for plane and solid figures. Three hours per week at the convenience of the instructor during the first four weeks of the Second Semester.

MR. STONE

These courses are required of students taking Courses 1, 2 who have used the one point in solid geometry for admission. They are elective for students who have completed in their preparatory work a satisfactory course in solid geometry, and may be taken in place of the solid geometry of Courses 1, 2.

3. Analytic Geometry. Tanner and Allen's Analytic Geometry. First Semester: Monday, Wednesday, Friday, 11.30.

4. Calculus. Selected topics in differential calculus, with application to problems and curve tracing. Double and triple integration for surfaces and volumes. Second Semester: Monday, Wednesday, Friday, 11.30. PROFESSOR MOODY

Courses 3, 4 are elective for those who have taken Courses 1, 2, or an equivalent.

5 and 6. Integral Calculus and Elliptic Functions. Byerly's Integral Calculus, with lectures and collateral reading. First and Second Semesters: three hours, at the convenience of instructor and students. PROFESSOR MOODY

[7 and 8. Modern Methods in Pure and Analytic Geometry. First and Second Semesters: three hours, at the convenience of instructor and students.] Omitted in 1909–1910.

Courses 5, 6 form a consecutive course throughout the year, and are given in alternation with Courses 7, 8. They are elective for those who have taken Courses 1 to 4 inclusive or their equivalents.

[9 and 10. Advanced Algebra. Determinants, theory of equations continued from Course 1, and selected topics: three hours, at the convenience of instructor and students.] Omitted in 1909–1910.

Intended for students who wish a further knowledge of algebra, but do not intend to take the more advanced courses in Mathematics. Elective for those who have completed Courses 1, 2.

SURVEYING AND DRAWING

Assistant Professor Hastings

DRAWING

1. Descriptive Geometry and Mechanical Drawing. Descriptive Geometry with applications. Mechanical drawing, lettering and dimensioning. First Semester: Tuesday, Thursday, 1.30 to 4.00.

Elective for those who have completed Mathematics 1, 2.

2. Continuation of Course 1. Second Semester, at the same hours.

SURVEYING

1. Surveying. Field work with chain, tape, compass, level and transit. Computations, scale drawings, contour maps and profiles. First Semester: Tuesday, Thursday, Saturday. Div. A, 8.30 to 10.30; Div. B, 10.30 to 12.30.

Elective for those who have completed Drawing 1, 2.

2. Continuation of Course 1. Second Semester, at the same hours.

GEOLOGY

Assistant Professor Hastings

1. Structural and Stratigraphic Geology. Characteristics and history of rock formations. First Semester: Monday, Wednesday, Friday, 9.30.

Elective for those who have had Chemistry 1 and Mineralogy 1 or their equivalents.

2. Dynamical and Topographic Geology. Geological processes and their results. Government maps. Text-book, LeConte's Ele-

ments of Geology. Second Semester: Monday, Wednesday, Friday, 9.30.

Elective for those who have had Course 1.

PHYSICS AND ASTRONOMY

PHYSICS

PROFESSOR HUTCHINS

1. Elementary Physics. Lectures and laboratory work. Mechanics, Heat and Magnetism. First Semester: Monday, Wednesday, Friday, 8.30 to 10.30.

2. Electricity, Sound and Light. Lectures and laboratory work. Crew's General Physics is used for reference and as text-book. Second Semester: Monday, Wednesday, Friday, 8.30 to 10.30.

Courses 1, 2 are designed for beginners.

3. General Physics. Mechanics. Text-books: Ferry's Practical Physics, Part I, and other texts. First Semester: Monday, Wednesday, Friday, 1.30 to 3.30.

4. Heat. Text-books: Ferry's Practical Physics, Part II, Preston's Theory of Heat, Maxwell's Theory of Heat, and others. Second Semester: Monday, Wednesday, Friday, 1.30 to 3.30.

[5. Magnetism and Electricity. Text-books: Franklin and McNutt's Electricity. First Semester: Monday, Wednesday, Friday, 1.30 to 3.30.]

[6. Sound and Light. Text-books: Wood's Physical Optics, and others. Second Semester: Monday, Wednesday, Friday, 1.30 to 3.30.] Courses 5, 6 omitted in 1909–1910.

Courses 3, 4, 5, 6 comprise two years' work in the subject of General Physics. They are designed to meet the requirements of students who are preparing to teach in secondary schools, or who are intending to pursue further work in graduate or technical schools. The work in these courses is largely experimental. Precision instruments are used and tested, and results are required from the use of apparatus constructed wholly or in part by the student. Courses 3, 4 are given in alternation with 5, 6. They are elective for all who have taken Courses 1, 2 or their equivalent.

ASTRONOMY

MR. STONE

1. Descriptive Astronomy. An introductory course for the general student. First Semester: Tuesday, Thursday, Saturday, 10.30.

For one exercise each week two hours of observatory work are usually substituted. Course 1 is elective for Sophomores, Juniors and Seniors.

2. Continuation of Course 1. Problems and computations. Second Semester: Tuesday, Thursday, Saturday, 10.30.

Prerequisite, Astronomy 1 and Mathematics 1, 2.

[3a. Spherical and Practical Astronomy. Celestial co-ordinates, latitude, longitude, and time; the positions and motions of the heavenly bodies; applications of astronomy to navigation and surveying; theory of the simpler astronomical instruments. A portion of the time is spent in observatory work with the sextant, transit, and equatorial. The student will make and reduce his own observations. First half of First Semester: three to six hours.]

[3b. Spherical Trigonometry. Proof of fundamental theorems; projection and solution of spherical triangles. Second half of First Semester: three hours.]

Courses 3a and 3b combined may be elected by students who have completed the work of Mathematics 1, 2 or an equivalent. Hours are arranged at the convenience of instructor and students.

[4. Continuation of 3a. Second Semester.]

Courses 3, 4 are omitted in 1909–1910.

CHEMISTRY AND MINERALOGY

PROFESSOR ROBINSON; ASSISTANT PROFESSOR CRAM

CHEMISTRY

1. General Chemistry, inorganic. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 10.30 to 12.30.

2. General Chemistry, inorganic. Continuation of Course 1. Second Semester: Monday, Wednesday, Friday, 10.30 to 12.30.

PROFESSOR ROBINSON

Courses 1, 2 are elective for Sophomores, Juniors and Seniors, and for special students by permission of the instructor.

3. Qualitative Analysis. First Semester: Monday, Wednesday, Friday, 2.30 to 4.30.

4. Organic Chemistry. Lectures and Laboratory work. Second Semester: Monday, Wednesday, Friday, 2.30.

PROFESSOR ROBINSON

Courses 3, 4 are elective for those qualified by Courses 1, 2 or their equivalent. Sophomores who entered with credits in Chemistry are eligible for Chemistry 3.

5. Quantitative Analysis. General methods, gravimetric and volumetric. First Semester.

The work is conducted upon an individual basis. Each man is assigned a conference period of fifteen minutes when he reports the results of work in the laboratory. Five hours of laboratory work are required each week. One lecture is given each week upon some chemical subject, attendance at which is required of all men taking Course 5 or 7. The lectures for 1909-1910 are upon Physical Chemistry, and come at 2.30 Thursday. Elective for those who have taken Course 3. Men intending to take this course are advised to elect Physics 1, 2.

6. Continuation of Course 5. Quantitative Analysis, with determinations selected according to the needs and preferences of individuals. Second Semester. ASSISTANT PROFESSOR CRAM

Elective for those who have taken Course 5 and in special cases for Seniors who have taken Course 3 but not Course 5.

7. Preparation of inorganic and organic compounds; water and food analysis; assaying; advanced quantitative analysis; industrial chemistry. Work may be chosen according to individual preferences. Five hours of laboratory work per week and one hour lecture. First Semester.

8. Continuation of Course 7. Second Semester.

Assistant Professor Cram

Courses 7, 8 are elective for those who have taken Courses 5, 6. Elective for Seniors who are taking Courses 5, 6.

MINERALOGY

Assistant Professor Cram

1. The identification, composition, occurrence, properties and uses of the common minerals and rocks. Lectures and laboratory work. Second Semester: Tuesday, Thursday, Saturday, 8.30.

Elective for Sophomores, Juniors and Seniors who have had Chemistry 1 or an equivalent.

BIOLOGY

Assistant Professor Copeland

ZOÖLOGY

1. General Introduction to Zoölogy. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 1.30 to 3.30.

2. General Introduction to Zoölogy. A continuation of Course 1. Second Semester: at the same hours.

The lectures in Courses 1, 2 are designed to give a general introduction to the subject of Zoölogy. The classification, distribution, morphology, physiology, ecology and evolution of animals are discussed. Representative types from the lower groups of animals to the vertebrates are studied in the laboratory. Some exercises in addition are based on animal cytology, histology, embryology and physiology. The exercises involve the use of the microscope, and in Course 2 the student is given practice in dissecting. These courses are intended for beginners, and for those wishing to gain a comprehensive view of the subject. Elective for Sophomores, Juniors and Seniors.

[3. Comparative Anatomy of Vertebrates. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 10.30 to 12.30.]

[4. Comparative Anatomy of Vertebrates. A continuation of Course 3. Second Semester: at the same hours.]

Courses 3, 4, deal with the morphology of vertebrates from a comparative standpoint, and illustrate the evolution of animals from the fishes to the mammals. The classification of the chordates, theories of vertebrate structure and the homologies of organs are discussed. A fish, amphibian, reptile, bird and mammal are dissected and studied in the laboratory. These courses are omitted in 1909–1910. Elective for those who have taken or are taking Courses 1, 2, and for Juniors intending to take their last year in the Medical School.

5. Animal Cytology and Histology. Lectures and laboratory work First Semester: Monday, Wednesday, Friday, 10.30 to 12.30.

This course treats of the structure and activities of animal cells and tissues. The properties of protoplasm, cellular structures and their relation to theories of heredity, and cell physiology are first considered. The lectures on cytology are followed by a discussion of epithelial, sustentative, muscular and nervous tissues. A series of preparations is made and studied, and practice is given in histological technique. Elective for those who have taken or are taking Courses 1, 2, and for Juniors intending to take their last year in the Medical School.

6. Vertebrate Embryology. Lectures and laboratory work. Second Semester: Monday, Wednesday, Friday, 10.30 to 12.30.

A course on the earlier stages of development, treating of the reproductive cells, maturation, fertilization, cleavage, the formation of germ layers, the development of the primitive segments and the formation of foetal membranes. A series of preparations illustrating the early development of the chick is made and studied. Elective for those who have taken Course 5.
Courses 3, 4, 5, 6, are intended for those who desire to lay a broad foundation for the study of human morphology and physiology, and for those especially interested in or proposing to teach biology. Some opportunity is offered for a selection of work in accordance with the special requirement of the student. Practice is also given in technical laboratory methods.

7 and 8. Special Laboratory and Field Investigations. First and Second Semester: six hours a week, at the convenience of instructor and students.

This course offers to students having the requisite training the opportunity of pursuing original biological investigations under the direction of the instructor.

[9. Organic Evolution. Lectures and reading. First Semester: Monday, Wednesday, Friday, 8.30.] Omitted in 1909-1910. To be given in 1910-11.

This course includes an examination into the theories of the origin and development of life. The topics of variation, adaptation, heredity and other problems which arise in connection with practical biology are discussed. Elective for Juniors and Seniors.

BOTANY

1. Botany. Lectures and laboratory work. Second Semester: Monday, Wednesday, Friday, 8.30 to 10.30.

The lectures are intended to give a general survey of botany, and treat principally of the classification, morphology, physiology and ecology of plants. The laboratory work consists of the study of types of the vegetable kingdom from the lower groups to the flowering plants. Some attention is given to plant physiology. The purpose of the course is to give a comprehensive view of the vegetable kingdom, and to present some of the facts and doctrines derived from the scientific study of plants. It is intended for beginners. Elective for Sophomores, Juniors and Seniors.

HYGIENE AND PHYSICAL TRAINING

PROFESSOR WHITTIER

HYGIENE

Lectures on Human Anatomy, Physiology and Personal Hygiene. First Semester: Thursday, 8.30.

Required of Freshmen.

Each student receives a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out

for each student, showing his size, strength and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a hand-book containing the exercises prescribed for the purpose of correcting the physical defects shown by his chart, with specific directions in regard to diet and bathing.

PHYSICAL TRAINING

1. Class exercises: military drill, setting-up drill, and Indian-club swinging. Squad exercises (graded to suit the strength of each squad): indoor athletics, chest weights, and heavy gymnastics. December to April: Monday, Wednesday, Thursday, 11.30.

Required of Freshmen.

2. Class exercises: dumb-bells and boxing. Squad exercises: indoor athletics and wrestling. December to April: Monday, Wednesday, Thursday, 3.30.

Required of Sophomores.

3. Class exercises: fencing with single-sticks and with broad-swords. Squad exercise: indoor athletics. December to April: Tuesday, Thursday, 4.30; Friday, 3.30.

Required of Juniors.

4. Class exercises: fencing with foils. Squad exercise: indoor athletics. December to April: Monday, Wednesday, Friday, 4.30.

Required of Seniors.

COURSES IN THE MEDICAL SCHOOL

By vote of the Faculty, the work in Anatomy, Physiology, and Chemistry, in the first year of the course in the Medical School, is accepted in place of the required four courses of Senior year in the Academic department.

Students intending to avail themselves of this privilege are required to register in the Academic department at the opening of the college year; they will then be excused from further attendance until the opening of the Medical School.

Lectures

The Annie Talbot Cole Lectureship: This lectureship was founded by Mrs. Calista Mayhew, of South Orange, N. J., in memory of her niece, Mrs. Samuel Valentine Cole, of Norton, Mass. The incumbent, appointed for one year, gives a series of lectures before the college. These lectures are open to the public. According to the provision of the donor, this lectureship is to "aim at contributing to the ennoblement and enrichment of life by standing for the idea that life is a glad opportunity. It shall, therefore, exhibit and endeavor to make attractive, the highest ideals of character and conduct, and also, in so far as possible, foster an appreciation of the beautiful as revealed through nature, poetry, music and the fine arts."

Lectures on Art: Prior to the Thanksgiving recess, the curator of the Walker Art Building, Professor Henry Johnson, gives annually a series of conferences on the Art Building and its contents as illustrating the history of art.

Administration of the College

DEGREES

The degree of Bachelor of Arts is conferred by the Boards of Trustees and Overseers, on recommendation of the Faculty, upon those students in regular standing who have duly completed the academic course prescribed by the regulations of the government of the college.

The degree of Master of Arts is conferred upon those graduates of the college who, after taking the Bachelor's degree, complete an approved course of advanced study. The requirements for the degree of Master of Arts consist of a full year's residence devoted to such advance study under the guidance of one or more members of the college Faculty, and a written and oral examination at the completion of this work.

BOARD OF PROCTORS

Professor Hastings, *Chairman*

Henry Jewett Colbath
Sumner Edwards
Henry Quinby Hawes
Robert Dillingham Morss
Harold Edwin Rowell
Herbert Everett Warren

ATHLETIC COUNCIL

The regulation of the athletic interests of the college is accomplished by the Athletic Council of the general Athletic Association of Bowdoin College. It consists of twelve members, two of whom are chosen from the Faculty of the college, and five each from the alumni and student bodies. The members for the year 1909–1910 are as follows:

Administration of the College

Alumni	*Students*
Charles Taylor Hawes, *Chairman*	Henry Jewett Colbath (1910)
Franklin Conant Payson	William Proctor Newman (1910)
Barrett Potter	William Henry Clifford (1911)
Henry Asa Wing	Lawrence McFarland (1911)
Roland William Mann	Mark Westcott Burlingame (1912)

Faculty

Professor Charles Clifford Hutchins
Professor Frank Nathaniel Whittier

RELIGIOUS EXERCISES

Meetings under the direction of the Christian Association are held in the Association rooms on Thursday evenings, to which all members of the college are cordially invited. These meetings are addressed on religious and ethical subjects by prominent ministers and laymen from elsewhere, members of the Faculty and Alumni.

From time to time during the year prominent clergymen of various denominations come to Brunswick as Bowdoin College Preachers. They occupy the pulpit of the First Parish Church in the morning and speak in the College Chapel in the afternoon.

THE CHRISTIAN ASSOCIATION

The Christian Association is a student organization, membership in which is open to every undergraduate.

This year over half the college is enrolled.

The Association stands for a life governed by the principles of Christ. The enrollment card reads: "I agree to be an active member of the Christian Association of Bowdoin College, to pay the annual assessment, to endeavor to attend the regular meetings, and to use my efforts toward strengthening the Association."

The activities of the organization are various. Beside the weekly meetings mentioned in the foregoing section, there are meetings once a month on Sunday evening in the Association rooms in King Chapel, when the Bowdoin College Preachers hold a conference in the form of a questionaire. Somewhat intimate contact with a group of notable men is thus possible. For the purpose of Bible study the members are divided into groups of eight or ten, each group led by one of its number.

Mission Study was begun this year, special attention being given to the intelligent financial support of A. S. Hiwale, 1909, the Bowdoin Missionary in India. Social service within and without the college is an important activity of the Association. Each year a delegation is sent to the Student Conference at Northfield, Mass.

The Association has the services of a General Secretary whose office is in Hubbard Hall. All students are welcome to consult him about any matter in which he can be of service.

TERMS AND VACATIONS

The Academic Year is divided into two semesters, or terms, of equal length. Commencement Day is the fourth Thursday of June. The Summer Vacation of thirteen weeks follows Commencement Day. There are two periods of vacation during the year: the first, a recess of about ten days including Christmas and New Year's; the second, the Easter Recess of about ten days at or near the first of April. The following are also observed as holidays: Thanksgiving Day, Washington's Birthday, Memorial Day and Ivy Day.

RANK

The rank of a student in each course is computed on a scale of ten (10), but is preserved on the college records in the letters A, B, C, D, and E. A signifies a rank from 9 to 10; B, a rank from 8 to 9; C, a rank from 7 to 8; D, a rank from 6 to 7: E, a rank lower than 6, and a condition.

EXAMINATIONS

The regular examinations of the college are held at the close of each Semester.

An unexcused absence from an examination entails a mark of zero. In case of illness or other unavoidable cause of absence from examination, the Secretary of the Faculty has power to suspend the action of this rule.

REPORTS OF STANDING

A report of the rank of each student is sent to the parent or guardian at the close of each Semester. The report contains a statement of the standing of the student in each of his courses, together with the number of unexcused absences from chapel.

Rank is computed according to the method described above; it is preserved on the college records, and reported to the parent or guardian in the letters A, B, C, D and E.

ATTENDANCE AT EXERCISES

Attendance is required of all students at recitations and lectures continuously throughout the Semester, and at the daily college prayers which are held on each week day at 8.20 A.M., and on Sundays at 5 P.M.

REGISTRATION

All students are required to register on the first day of each Semester. The Registrar's office will be open from 8.30 A.M. to 4.30 P.M. for this purpose. A fee of two dollars is charged for registration after the opening day.

FEES FOR EXTRA COURSES

The payment of fees for extra courses is regulated by the following provisions:

(1) The sum of seven dollars and a half ($7.50) is charged for each extra course (save as provided in 4 below) the same to be paid in advance and to be rebated at the close of the Semester in which the course is taken, provided the four regular courses and the extra course be passed, and the extra course be not taken to remove a condition previously incurred in that subject or substituted for a condition in some other subject. (2) Such charges are remitted in the case of the two required fifth courses, provided these be not taken prior to Senior year. (3) Courses repeated for the removal of a condition and courses substituted for such conditions are regarded as extra courses. (4) For each of the three subjects in Freshman Mathematics, and Hygiene and English 5, the charge is pro rata whenever these subjects are in question under the preceding provisions.

MEDICAL ATTENDANCE

A fund of $1,000, given by Mr. and Mrs. GEORGE F. GODFREY, of Bangor, in memory of their son, HENRY PRENTISS GODFREY, is devoted to providing medical attendance for students who may be sick while in college.

In case of illness students should immediately call upon or summon the college physician, Dr. Whittier, whose office is in Adams Hall.

Scholarships

The income of over One Hundred and Fifty Thousand Dollars is devoted to scholarships and prizes in aid of meritorious students of slender means.

Applications for scholarships must be made upon blank forms furnished at the office of the Treasurer of the college. They must be made out anew each year; signed by both the student and his parent or guardian; and deposited in the Treasurer's office before November 15.

BROWN MEMORIAL SCHOLARSHIPS. A fund for the support of four scholarships in Bowdoin College, given by Hon. J. B. BROWN of Portland, in memory of his son, JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year.

SHEPLEY SCHOLARSHIP. A fund of $1,000, given by Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine.

MARY L. SAVAGE MEMORIAL SCHOLARSHIP. A scholarship of $1,000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Quincy, Ill., in memory of his wife, MARY L. SAVAGE.

BENJAMIN DELANO SCHOLARSHIP. A scholarship of $1,000, bequeathed by Captain BENJAMIN DELANO of Bath.

AND EMERSON SCHOLARSHIPS A fund amounting at present to $7,000, given by AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB.

STEPHEN SEWALL SCHOLARSHIP. A scholarship of $1,000, given by Deacon STEPHEN SEWALL of Winthrop.

Scholarships

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

JOHN C. DODGE SCHOLARSHIP. A fund of $1,000, given by Hon. JOHN C. DODGE, LL.D.

ALFRED JOHNSON SCHOLARSHIPS. Three scholarships of $1,000 each, founded by ALFRED WALDO JOHNSON of Belfast, of the Class of 1845 in memory of his grandfather, Rev. ALFRED JOHNSON, and of his father, Hon. ALFRED JOHNSON.

WILLIAM B. SEWALL SCHOLARSHIP. A scholarship of $1,000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

MARY CLEAVES SCHOLARSHIPS. Three scholarships of $1,000 each, founded by the will of Miss MARY CLEAVES.

CRAM MEMORIAL SCHOLARSHIP. A scholarship of $1,000, founded by Hon. MARSHALL CRAM of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country.

JAMES MEANS SCHOLARSHIP. A scholarship of $2,000, given by WILLIAM G. MEANS, Esq., of Andover, Mass , in memory of his brother, Rev. JAMES MEANS, of the Class of 1833, who died in the service of his country.

CHARLES DUMMER SCHOLARSHIPS. A fund of $6,000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband, CHARLES DUMMER, A.M., who was for many years a member of the Board of Overseers.

W. W. THOMAS SCHOLARSHIPS. Six scholarships of $1,000 each, founded by Hon. W. W. THOMAS of Portland, to be awarded under certain conditions.

BUXTON SCHOLARSHIP. A fund at present amounting to $3,800, contributed by CYRUS WOODMAN, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

PIERCE SCHOLARSHIP. A scholarship of $1,000, bequeathed by Mrs. LYDIA PIERCE of Brunswick, in memory of her son, ELIAS D. PIERCE.

Bowdoin College

BLAKE SCHOLARSHIP. A fund of $4,000, bequeathed by Mrs. NOAH WOODS, of Bangor, in memory of her son, WILLIAM A. BLAKE, of the Class of 1873.

HULDAH WHITMORE SCHOLARSHIPS. Two scholarships of $2,500 each, given by Hon. WILLIAM GRISWOLD BARROWS, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions.

NATHANIEL MCLELLAN WHITMORE SCHOLARSHIP AND GEORGE SIDNEY WHITMORE SCHOLARSHIP. Two scholarships of $1,000 each, given by Mrs. MARY J. WHITMORE, in memory of her sons, NATHANIEL MCLELLAN WHITMORE, of the Class of 1854, and GEORGE SIDNEY WHITMORE, of the Class of 1856.

GEORGE FRANKLIN BOURNE SCHOLARSHIP. A scholarship of $1,000, given by Mrs. NARCISSA SEWALL BOURNE, of Winthrop.

LOCKWOOD SCHOLARSHIP. A scholarship of $1,000, established by Mrs. SARAH F. LOCKWOOD in memory of Hon. AMOS DEFOREST LOCKWOOD, a former treasurer of the college.

WILLIAM LITTLE GERRISH SCHOLARSHIP. A scholarship of $1,000, given by Dr. F. H. GERRISH, in memory of his brother, WILLIAM LITTLE GERRISH, of the Class of 1864.

LAWRENCE SCHOLARSHIPS. A fund of $6,000, given by Mrs. AMOS LAWRENCE of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students who may need pecuniary assistance, preference being given to those who shall enter the college from Lawrence Academy, at Groton, Mass.

G. W. FIELD SCHOLARSHIPS. Two scholarships of $2,000 each, given by Rev. GEORGE W. FIELD, D.D., of Bangor, of the Class of 1837. In awarding the scholarships, preference is to be given, first, to students or graduates of the Bangor Theological Seminary, and second, to graduates of the Bangor High School.

JUSTUS CHARLES FUND. A fund established by the will of JUSTUS CHARLES of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving, and needy.

MOSES R. LUDWIG AND ALBERT F. THOMAS SCHOLARSHIP. Founded by Mrs. HANNAH C. LUDWIG of Thomaston.

Scholarships

JOSEPH N. FISKE SCHOLARSHIP. A scholarship of $1,000 given by Mrs. CHARLOTTE M. FISKE, of Boston in memory of her husband.

CROSBY STUART NOYES SCHOLARSHIPS. Two scholarships of $2,000 each, established by CROSBY S. NOYES, A.M., of Washington, D. C. In awarding these, preference is to be given to natives or residents of Minot.

HENRY T. CHEEVER SCHOLARSHIP. A scholarship of $500, given by Rev. HENRY T. CHEEVER, D.D., of Worcester, Mass., to be awarded by the President under certain conditions.

MOSES M. BUTLER SCHOLARSHIPS. A fund of $10,000 given by Mrs. OLIVE M. BUTLER, of Portland, in memory of her husband, MOSES M. BUTLER, of the Class of 1845, to establish four scholarships.

STANWOOD ALEXANDER SCHOLARSHIP. A scholarship of $2,500, given by Hon. D. S. ALEXANDER, of Buffalo, N. Y., Class of 1870, in memory of his father, STANWOOD ALEXANDER, of Richmond, Maine, to be awarded under certain conditions.

JOSEPH LAMBERT FUND. Bequest of $1,000 by Mrs. ANN E. LAMBERT, of Jamaica Plain, Mass.

JOHN PRESCOTT WEBBER, Jr., SCHOLARSHIP. $2,500, given by JOHN P. WEBBER, Esq., of Boston, Mass., in memory of his son, JOHN PRESCOTT WEBBER, Jr., of the Class of 1903.

ELLEN J. WHITMORE SCHOLARSHIP. A scholarship of $2,000, given by Miss ELLEN J. WHITMORE, of Brunswick.

CYRUS WOODMAN SCHOLARSHIPS. A fund now amounting to $3,400 was given by Miss MARY WOODMAN, of Cambridge, Mass., to establish one or more scholarships in memory of her father.

FRED WHITNEY FLOOD SCHOLARSHIP. The sum of $100 is given each year by LOUIS CLINTON HATCH, of Bangor, of the Class of 1895, as a scholarship in memory of his college-mate, FRED WHITNEY FLOOD.

GARCELON and MERRITT FUND. The sum of $1,000 from the income of the GARCELON and MERRITT FUND is appropriated for the aid of worthy students.

WILLIAM LAW SYMONDS SCHOLARSHIP. A fund of $3,000, founded by his family in memory of WILLIAM LAW SYMONDS, of the Class of 1854; the income to be applied by the Faculty in aid of Bowdoin students, preference to be given to those showing tendency to excellence in Literature.

CLASS OF 1872 SCHOLARSHIP. A fund of $2,500 given by the Class of 1872.

CHARLES M. CUMSTON SCHOLARSHIP. A fund of $23,850 given by CHARLES MCLAUGHLIN CUMSTON, LL.D., of the Class of 1843, the income to be given preferably to a graduate of the English High School of Boston.

CYRUS WOODMAN TRUST FUND. A fund, now amounting to $35,000, established by CYRUS WOODMAN, Esq., of the Class of 1836, one-half of the income of which is appropriated for scholarships.

CHARLES CARROLL EVERETT SCHOLARSHIP. Certain real estate in Brunswick, in trust, the net income of which is given to that member of the graduating class of Bowdoin College whom the President and Trustees shall deem the best qualified to take a post-graduate course in either this or some other country.

ALBION HOWE MEMORIAL LOAN FUND. A sum of $1,200 given by LUCIAN HOWE, M.D., of Buffalo, N. Y., for the establishment of a loan fund in memory of his brother, ALBION HOWE, of the Class of 1861.

HENRY W. LONGFELLOW GRADUATE SCHOLARSHIP. Ten thousand dollars given by the daughters of HENRY W. LONGFELLOW — Miss Alice M. Longfellow, Mrs. Edith L. Dana, and Mrs. Anne L. Thorp — for a graduate scholarship "that would enable a student, after graduation, to pursue graduate work in some other College, or abroad, if considered desirable; the work to be done in English, or general literature, and the field to be as large as possible — Belles Lettres in a wide sense. The student to be selected should be some one not merely proficient in some specialty, or with high marks, but with real ability in the subject, and capable of profiting by the advanced work, and of developing in the best way."

RICHARD ALMY LEE SCHOLARSHIP. A scholarship providing for the tuition of one student. Established by ELIZABETH ALMY LEE in memory of her son, a Senior of the Class of 1908, who, with his friend

and companion, John Franklin Morrison, of the same class, lost his life July 9, 1907, while on a pleasure cruise along the coast. In making the award preference will be shown to the Beta Theta Pi Fraternity.

JOHN FRANKLIN MORRISON SCHOLARSHIP. A scholarship of $1,000 founded by BENJAMIN F. MORRISON, of Medford, Mass., in memory of his grandson, JOHN FRANKLIN MORRISON, of the Class of 1908 — preference to be given to residents of Medford.

ANNIE E. PURINTON SCHOLARSHIP. Five thousand dollars given by Mrs. D. WEBSTER KING in memory of her sister Miss ANNIE E. PURINTON for the establishment of a scholarship "the income thereof to be used to assist some deserving student through his college course, preference being given to a Topsham or Brunswick boy."

GEORGE P. DAVENPORT LOAN AND TRUST FUND. A sum of $200 given by GEORGE P. DAVENPORT, A.M., of Bath, Maine, for the establishment of a loan fund.

CLASS OF 1881 SCHOLARSHIP. A fund of $2000 given by the CLASS of 1881.

EDWARD HENRY NEWBEGIN SCHOLARSHIP. One thousand dollars ($1,000) given by HENRY NEWBEGIN, A.M., of the Class of 1857, to establish a scholarship in memory of his son, REV. EDWARD HENRY NEWBEGIN, of the Class of 1891. To be awarded under certain conditions.

JOSEPH E. MERRILL SCHOLARSHIPS. Four thousand dollars per year, from the income of the JOSEPH E. MERRILL FUND to assist needy and deserving American-born young men, preference being given to those born in the State of Maine, in securing an education in Bowdoin College.

Prizes

SMYTH MATHEMATICAL PRIZE. A fund of $6,500, the gift of HENRY J. FURBER, Esq., of Chicago, named by him in honor of Professor WILLIAM SMYTH. From the present income of the fund $300 is given to that student in each Sophomore Class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations; but the Faculty may at their discretion order a special examination, the result

of which will be combined with the recitation rank. The successful candidate receives $100 at the time the award is made. The remaining $200 is paid to him in instalments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the prize for the remainder of the time.

DAVID SEWALL PREMIUM. A prize amounting to Ten Dollars is awarded annually to a member of the Freshman Class for excellence in English Composition.

BROWN COMPOSITION PRIZES. Two prizes, one of Thirty Dollars and one of Twenty Dollars, established by Mr. PHILIP G. BROWN, of the Class of 1877, in memory of PHILIP HENRY BROWN, Esq., of Portland, of the Class of 1851, are offered to the Senior Class for excellence in Extemporaneous English Composition.

SEWALL GREEK PRIZE. A prize of Twenty-five Dollars, given by Professor JOTHAM BRADBURY SEWALL, of Brookline, Mass., of the Class of 1848, formerly Professor of Greek in the college, is awarded to the member of the Sophomore Class who sustains the best examination in Greek.

SEWALL LATIN PRIZE. A prize of Twenty-five Dollars, also given by Professor SEWALL, is awarded to the member of the Sophomore Class who sustains the best examination in Latin.

GOODWIN COMMENCEMENT PRIZE. A prize of Fifty Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, of Philadelphia, of the Class of 1832, is awarded each year to the author of the best Commencement Part.

CLASS OF 1868 PRIZE. A prize of Forty Dollars, contributed by the CLASS of 1868, is given annually to the author of the best written and spoken oration in the Senior Class.

PRAY ENGLISH PRIZE. A prize of Fifty Dollars, given by Dr. THOMAS J. W. PRAY, of Dover, N. H., of the Class of 1844, is awarded each year to the best scholar in English Literature and original English Composition.

GOODWIN FRENCH PRIZE. A prize of Twenty-five Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, is awarded annually to the best scholar in French.

NOYES POLITICAL ECONOMY PRIZE. This prize, consisting of the annual income of one thousand dollars, was established by CROSBY STUART NOYES, A.M., and is awarded to the best scholar in Political Economy.

CLASS OF 1875 PRIZE IN AMERICAN HISTORY. This prize, consisting of the annual income of three thousand dollars, was established by WILLIAM J. CURTIS, of New York City, of the Class of 1875, and will be awarded to the student who writes the best essay and passes the best examination on some assigned subject in American History.

BRADBURY DEBATING PRIZES. Prizes amounting to $60, given by Hon. JAMES WARE BRADBURY, LL.D., of the Class of 1825, are awarded each year for excellence in debating.

HAWTHORNE PRIZE. A prize of $40, given by Mrs. GEORGE C. RIGGS (Kate Douglas Wiggin), of New York, is awarded each year to the author of the best short story. The competition is open to members of the Sophomore, Junior and Senior Classes.

ALEXANDER PRIZE FUND. This fund was established by Hon. D. S. ALEXANDER, of the Class of 1870, to furnish two prizes of $20 and $10 for excellence in select declamation. Competition is open to Juniors, Sophomores and Freshmen.

PHILO SHERMAN BENNETT PRIZE FUND. This fund was established by Hon. W. J. BRYAN from trust funds of the estate of the late Philo Sherman Bennett, of New Haven, Connecticut, the proceeds to be used for a prize for the best essay discussing the principles of free government. Competition is open to Juniors and Seniors.

ALMON GOODWIN PRIZE FUND. This fund of $1,000 was established by Mrs. MAUD WILDER GOODWIN, in memory of her husband, ALMON GOODWIN, of the Class of 1862. The annual income is awarded to a Phi Beta Kappa man to be chosen by vote of the Trustees of the College at the end of the recipient's Junior year.

HILAND LOCKWOOD FAIRBANKS PRIZE FUND. This fund of $1,000 was established by Captain HENRY N. FAIRBANKS, of Bangor, in memory of his son, HILAND LOCKWOOD FAIRBANKS, of the Class of 1895. One half of the annual income is awarded for excellence of work in debating (English 6 and 7) throughout the year; the other half is awarded as two prizes of $15.00 and $10.00 for excellence of work in public speaking (English 5) during the second semester

Expenses

COLLEGE BILLS

Bills, containing college charges, are mailed to the parent or guardian of each student at the close of each Semester; these bills become payable at once.

No students will be advanced in class standing until all the dues of the previous year have been paid; and no degrees will be conferred upon students who have not paid all their dues to the college.

No student will be dismissed from college on request unless he shall have paid all his college bills, including that of the current Semester.

EXPENSES

The following tables are taken from the Bowdoin College Bulletin, New Series, No. 10, a pamphlet entitled Earnings and Expenses of Bowdoin College Students, which will be sent on application. The facts in this pamphlet were obtained in returns from nearly two hundred Bowdoin undergraduates. The first table, furnished by a recent graduate of the college, now an officer in the institution, gives items kept accurately by him while an undergraduate. It is a low expense account.

	1st year	2nd year	3rd year	4th year
Tuition	$75.00	$75.00	$75.00	$75.00
Other college charges	11.10	7.32	11.60	24 06
[1] Room	64.00	18.00	36.00	18.00
Board	108.00	108.00	108.00	108.00
Books	10.18	10.58	11.33	10.50
College organizations	12.85	6.25	27.65	27.81
Laundry (part taken home)	1.43	1.74	1.85	3.05
Furniture	18.75			
Lighting	1.88	3.30		3.00
Heating		4.18	4.13	4.98
Incidentals	1.89	2.91	2.13	1.00
Total	$305.08	$237.28	$277.69	$275.40

There follows an average expense account. It is that of a student with an independent income, and no need of economy. He enjoyed

[1] This student did not rent a room from the college after 1st year.

the most expensive room and board at the college, and was a leader in many activities.

	1st year	2nd year	3rd year	4th year
Tuition	$75.00	$75.00	$75.00	$75.00
Other college charges	4.00	6.00	9.00	17.00
Room (with room-mate)	54.00	54.00	54.00	54.00
Board	140.00	140.00	140.00	140.00
Books	11.00	14.00	17.00	20.00
Fraternity	20.00	17.00	17.00	17.00
College organizations	12.00	15.00	28.00	18.00
Laundry	11.00	10.00	12.00	12.00
Incidentals	20.00	32.00	28.00	30.00
Total	$347.00	$363.00	$380.00	$383.00

Rooms in the college dormitories may be rented at prices varying from $36 to $54 a year for each occupant where two share the room. The price is doubled for a single occupant. The item of steam heat is included. Electric lights are furnished at the rate of $6 per 16 c.p. lamp per year. None of the college rooms is furnished. Application for rooms should be made to the Treasurer.

SELF-HELP

Bowdoin College Bulletin No. 10 furnishes some interesting facts concerning the earnings of Bowdoin students. Of the 192 students from whose reports that pamphlet was compiled, 167 earned a part or all of their college expenses. The amounts reported include scholarships, prizes and the income of the vacations. These 167 men earned, during the year 1906–7, a total of $37,709.76. The average amount earned was $225. In the Senior Class, 20 men earned during this year $5670.26, the average amount being $283.51. These same men earned during their college course $18,045.99. Here are at least 20 men in a single class who, during their four years at Bowdoin College, have earned an average of $902.34.

In the pamphlet from which these facts are taken will be found many other concrete items, such as ways for earning money, which will interest the prospective student obliged to support himself wholly or in part. This pamphlet will be sent on application.

The College Buildings

There are thirteen college buildings. The spacious campus, of about forty acres, upon which they are grouped is within five minutes' walk of the railroad station, one mile from the Androscoggin River with its picturesque falls, and about three miles from the shores of Casco Bay. A central heating and lighting plant supplies steam heat and electric light to all the buildings, which are also connected with the water and sewerage systems of the town.

MASSACHUSETTS HALL

This hall, named for the mother state from which the college derives its charter, was the first building erected for the uses of the college. On the first floor are the offices of the Treasurer and the Registrar of the college, and the room of the President and Faculty. In this room are the quaint old colonial fireplace and oven as used for a time by the family of the first president.

The second and third floors have been thrown together and converted into a cabinet of natural history through the liberality of the late Peleg Whitman Chandler, of the Class of 1834, and named the Cleaveland Cabinet, in memory of Professor Parker Cleaveland. It contains, besides other collections, the mineralogical collection which has the special interest of having been the basis of Professor Cleaveland's "Treatise on Mineralogy and Geology," the first systematic treatise on mineralogy published in this country.

THE DORMITORIES

There are three dormitories, of brick and stone, each one hundred feet by forty, and four stories in height. In the order of their erection they are Maine Hall, named for the District (now the State) of Maine; Winthrop Hall, named in honor of Governor John Winthrop of the Massachusetts Bay Colony; and Appleton Hall, named in honor of President Jesse Appleton, the second president of the college. Each of these dormitories contains thirty-two suites, consisting of a sitting-room or study, a bedroom, and an ample closet. The rooms are heated and lighted with steam and electricity from the central station, and the dormitories are supplied with water from the town system, and provided with toilet rooms.

The College Buildings

KING CHAPEL

The chapel, built of undressed granite, and named in honor of Governor William King, the first Governor of Maine, is a Romanesque Church, the façade of which is marked by twin towers and spires which rise to the height of one hundred and twenty feet. The aisles and chancel are shut off from the nave by partition walls. The nave is the chapel proper, in which are held the daily religious exercises of the college. There is a broad central aisle, from either side of which rise the ranges of seats after the manner of a cathedral choir. The platform, with the reading-desk, occupies the entire width of the chapel at its eastern end, and behind it rises the rood-screen of carved and panelled walnut, surmounted by a rood-gallery affording entrance to an upper room in the chancel; and through this entrance is seen, from the chapel below, an oriel window. From the walnut wainscoting on the sides of the chapel to the clerestory windows an unbroken wall, more than thirty feet in height, is divided by decorative frescoing into large panels in which are mural paintings — the gifts of individuals and of college classes — representing the Annunciation, the Adoration, the Baptism, and the Ascension, Paul preaching at Mars Hill, the Healing at the Beautiful Gate, St. Michael and the Dragon, Adam and Eve after the Transgression, the Giving of the Law and the Return of David after His Victory over Goliath. A decorated ceiling which is carried up into the roof has a blue ground overlaid with golden stars. The music gallery is over the entrance to the chapel, between the two towers, and contains an organ which was a gift to the college from Oliver Crocker Stevens, of the Class of 1876, and Mrs. Stevens.

The right aisle of the building is devoted to the uses of a psychological laboratory. The left aisle contains the rooms of the Christian Association. At the rear is a lecture room known as Banister Hall. This room was named to commemorate the Hon. William B. Banister of Newburyport, Mass., whose friendship and influence had been kindly and effectually exercised in behalf of the college and the members of whose family had contributed to its funds.

MEMORIAL HALL

This building, erected by the contributions of alumni and friends, is a memorial to the graduates and students of the college who served

in the Union army or navy during the Civil War. It is a granite structure in the French-Gothic style of architecture. On the first floor are four recitation rooms. The memorial hall proper occupies the whole of the second floor, and is a spacious audience room used for exhibitions and other public exercises. Aside from its architectural and decorative finish, it is notably adorned with busts and portraits of presidents, professors, benefactors, and distinguished graduates of the college. A window of stained glass, the gift of Miss Sarah Orne Jewett, commemorates her father, Professor Theodore Herman Jewett, M.D., of the Class of 1834. The names and military rank of two hundred and ninety Bowdoin men who fought to maintain the Union are inscribed on bronze tablets, the gift of Thomas Hamlin Hubbard, of the Class of 1857.

MARY FRANCES SEARLES SCIENCE BUILDING

This building was a gift to the college from Mr. Edward F. Searles, in memory of his wife, whose name it bears. It is built of Perth Amboy brick, with trimmings of Ohio stone, and is practically fireproof. It is of the Elizabethan style of architecture, one hundred and eighty feet in length, and, with its two wings, one hundred and five feet in depth. It is three stories in height with a high, well-lighted basement, and contains the college clock, which strikes the hours and half-hours. It is designed for the use of the three departments of chemistry, physics and biology, and contains both large and small laboratories for each of these departments, with lecture rooms, offices, store rooms, cabinets, a work room for the manufacture of apparatus, a conservatory for plants, etc. It is fitted with all the devices and conveniences which experience has found to be desirable, and is fully adapted to the uses for which it was designed. The department of surveying and drawing is also housed in this building, and the work in geology is here carried on.

WALKER ART BUILDING

This building, designed for the exhibition of the art treasures of the college, — except the portraits and busts in Memorial Hall and the mural paintings in King Chapel, — was erected by the Misses Harriet and Sophia Walker, of Waltham, Massachusetts, as a memorial of their uncle, the late Theophilus Wheeler Walker. It is one hundred feet in length by seventy-three in depth, and is surrounded on three sides by a brick-paved terrace, about twenty-five feet in breadth, with granite supporting walls and parapets. The materials used in the building are Freeport granite, Indiana limestone, and brick.

The College Buildings

The main entrance consists of a loggia, in front of which, and supporting the wall above, are six Ionic columns of stone. Niches in the front wall of the building on either side of the loggia contain bronze copies, by De Angelis, of Naples, of the classical statues of Demosthenes and Sophocles. Pedestals on either side of the ascent to the loggia are surmounted by copies in stone of the lions of the Loggia dei Lanzi.

The entrance from the loggia is to the Sculpture Hall, occupying the central portion of the building, beneath a dome which rises to the height of forty-seven feet, and furnishes light to the apartment through a skylight at the top. The four tympana below the dome, each twenty-six feet in width, are filled with four paintings symbolizing the artistic achievements of Athens, Rome, Florence and Venice, executed by Messrs. John La Farge, Elihu Vedder, Abbott Thayer and Kenyon Cox, respectively. Casts of classical figures and groups of statuary are exhibited in this room.

The Bowdoin, Boyd, and Sophia Wheeler Walker Galleries are entered from three sides of the Sculpture Hall. The Bowdoin Gallery contains chiefly the collection of about one hundred paintings, and one hundred and fifty original drawings by old and modern masters bequeathed to the college by Honorable James Bowdoin. The Boyd Gallery contains the collection of paintings bequeathed by Colonel George W. Boyd, of the Class of 1810, with others of later acquisition, a collection of Japanese and Chinese works of art, loaned by Professor William A. Houghton, a collection of objects of Oriental Art given by David S. Cowles, Esq., and formerly constituting a part of the Houghton Collection, the Virginia Dox collection of objects of native American art, and collections given or loaned by Mr. George W. Hammond, Mrs. Levi C. Wade, Mr. Harold M. Sewall, Dana Estes, Edward P. Warren, and other friends of the college. The Sophia Wheeler Walker Gallery contains specimens of ancient glass, Roman sculpture, old Flemish tapestry, Oriental ivory carvings, miniatures, etc., with paintings and drawings by modern artists of the foremost rank, and a bronze relief portrait, by French, of Theophilus Wheeler Walker,—all given by the Misses Walker.

The galleries are finished in oak, and are lighted from above through large skylights. In the basement are a lecture room, a room of Assyrian sculpture, curator's and students' rooms, lavatory, etc. The building is open to visitors about five hours daily.

Bowdoin College

HUBBARD HALL

The library building affords convenient and adequate accommodation for the College Library, and for its prospective growth, with reading and consultation rooms, lecture and conference rooms, etc. It is a gift to the college from General Thomas Hamlin Hubbard of the Class of 1857, and his wife, Mrs. Sibyl Fahnestock Hubbard. It is about one hundred and seventy feet in length, and fifty feet in depth, with a wing in the rear, for a stack room, eighty-eight feet by forty-six. It is entirely fire-proof, the materials used in its construction being granite, Indiana limestone, brick, iron and steel. It is of the seventeenth century Gothic architecture, with the main entrance through a central projecting tower, the façade being still further broken by semicircular projections at the ends. It is situated at the southern end of the campus, fronting towards Massachusetts and Memorial Halls, and, with the buildings already mentioned, completes the campus quadrangle.

SETH ADAMS HALL

This hall is built of brick with stone trimmings, is about one hundred feet long by fifty wide and is three stories and a half in height. It is named in honor of the late Seth Adams, of Boston, who contributed generously to its erection. On the first floor is the office of the dean of the Medical School and also two recitation rooms assigned to the use of the academical department. The second and third floors are devoted exclusively to the uses of the medical department, each floor having a large amphitheatral lecture room with an adjoining office for the instructor. On the second floor is the laboratory of bacteriology and pathology and the office of the college physician. The third and fourth floors are given to the Seavey Anatomical Museum, the dissecting-room, and the newly completed physiological laboratory.

THE OBSERVATORY

The Astronomical Observatory, for which the college is largely indebted to the late John J. Taylor, of Fairbury, Illinois, was mainly designed for purposes of instruction. Although it is the smallest of the college buildings, great care was exercised in its construction, and it is supplied with a telescope mounted in a revolving turret, a transit instrument, and the usual accessories for meridian observations.

The College Buildings

THE HUBBARD GRAND-STAND

The Grand-Stand, given by Gen. Thomas H. Hubbard, of the Class of 1857, at a cost of about $35,000, provides permanent quarters for out-of-door athletics.

The building stands on a terrace three feet above the field level. It is one hundred and twenty-three feet long and thirty-seven feet wide. The walls are on a cement foundation. Below the terrace level they are of granite, and above they are of rubble or field stone as far as the tops of the basement windows, where there is a water table of granite. Above the water table the walls are of selected red brick. The frame is of steel and iron, and the roof is covered with green slate.

The interior of the building is of fire-proof construction throughout. The west end of the basement is occupied by the quarters for the home teams, and consists of dressing-room, lavatory, store-room and drying-room. The east end provides quarters for the visiting team, also instructor's office, janitor's room and boiler-room. The basement is heated by steam and lighted by electricity. The lavatories are supplied with hot and cold water.

The grand-stand occupies the whole of the second floor. It has a seating capacity of five hundred and eighty, with promenade eight feet wide, in which, if necessary, extra seats can be placed. Shutters protect the open part of the grand-stand during winter.

THE SARGENT GYMNASIUM

The gymnasium, erected in 1885, is named in honor of Dr. Dudley Allen Sargent, of the Class of 1875, the first director under the system of required physical exercise. It is supplied with the most approved apparatus for gymnastic instruction, the gift of Dr. Sargent, and is provided with bath rooms and individual lockers. A part of the basement of this building and an extension in the rear are used as a central station for generating steam heat and electricity for the heating and lighting of all the college buildings.

A straight path through the pine grove in the rear of the campus leads from the gymnasium a short distance to the Whittier Athletic Field. This field, named in honor of Dr. Frank Nathaniel Whittier, the present director of the gymnasium, who was largely instrumental in the acquisition and preparation of it for athletic purposes, is about

five acres in extent, and is well adapted in all respects for baseball, football, and track athletics.

THE LIBRARY

The Library contains ninety-five thousand volumes and several hundred unbound pamphlets. It includes the private library of Hon. James Bowdoin, received after his death in 1811, the library of the Medical School of Maine, established in 1820, the extensive collections of the Peucinian and Athenæan Societies, added in 1880, and valued donations received from numerous institutions and individuals during the century of its existence. A large proportion of its contents, however, has been purchased within the last two decades with a view to aid the work of instruction by supplying both teachers and students with the best books and the leading periodicals in the various departments of the curriculum.

Attention has been directed, also, towards the building up of a complete and attractive library of general reference in which the literature of the present, as well as of the past, is given its proper place, and which shall serve as an active agent in the attainment of liberal culture. This portion of the library, containing upwards of ten thousand volumes, is arranged in the spacious and well-lighted room at the east end of Hubbard Hall. The corresponding room on the west is given to some six thousand bound volumes of magazines that are indexed in Poole's Index to Periodical Literature, and to the current periodicals, of which the library receives about two hundred. Adjacent is a special reading-room for the daily newspapers, and another for a choice collection, not yet complete, of fine editions of the works of the great masters of literature.

The entire collection is classified by the Decimal Classification and is supplied with a dictionary card catalogue. The library is a depository of the catalogue cards issued by the Library of Congress and this bibliographical collection of increasing value and serviceableness can be consulted by any investigator. Though no formal instruction in bibliography is given, the librarian and his assistants are ready to lend personal aid to inquirers. Moreover, through the coöperation of the Department of Rhetoric, the librarian is enabled to meet all the new students in groups of eight or less at required conferences of an hour each in which the use of the card catalogue, the principles that

govern the location of books, and the scope of certain common works of reference are set forth by practical exercises. During term time, the library is open continuously from 8.30 A.M. to 5.30 P.M., and in the evening from 6.45 to 9.45. In vacation it is also open daily, with the exception of Sundays and holidays. Students are allowed to borrow three books at a time, and to retain them, if needed, four weeks. The privileges of the library are extended to graduates and to clergymen, also to any persons on recommendation of the Library Committee.

Annual accessions, which average three thousand volumes, are made to the library by means of an appropriation of the Boards for the purpose, and from the proceeds of the following library funds:

SMYTH LIBRARY FUND. Provision for this fund was made in 1876 by Hon. Henry J. Furber, of the Class of 1861, from the excess income of the Smyth Mathematical Prize. Its proceeds are devoted to mathematical books.

SIBLEY LIBRARY FUND. This fund, now amounting to $7000, was established in 1881 by Jonathan Langdon Sibley, A.M., Librarian of Harvard College, and is for the purchase of books relating to American history.

SHERMAN LIBRARY FUND. This fund of $1000 was established in 1882 by Mrs. John C. Dodge, of Cambridge, Mass., in memory of her brothers, Joseph Sherman, LL.D., of the Class of 1826, and Thomas Sherman, M.D., of the Medical Class of 1828. Its proceeds are given to current literature.

AYER LIBRARY FUND. This fund of $1000 was established by the Athenæan Society in 1887 from a bequest of Hon. Samuel Hazen Ayer, of the Class of 1839.

BOND LIBRARY FUND. This fund, amounting to $7000, was given by Rev. Elias Bond, D.D., of the Class of 1837. From its income are purchased books relating to religion and ethics.

PACKARD LIBRARY FUND. This fund, based upon receipts from certain publications of the library, is devoted to the purchase of books relating to the State of Maine as a memorial of Professor Alpheus Spring Packard, D.D., of the Class of 1816.

WOOD LIBRARY FUND. This fund of $1000 was given in 1890 by Dr. Robert W. Wood, of Cambridge, Mass., of the Medical Class of 1832. From its proceeds are purchased books on sociology.

Bowdoin College

George S. Bowdoin Library Fund. This fund of $1000, given in 1895 by the gentleman whose name it bears, is devoted to the maintenance of a collection of books relating to the Huguenots.

Joseph Walker Fund. This fund, now amounting to $5000, was given in 1896 by the trustees under the will of the late Joseph Walker of Portland. Its proceeds in accordance with a vote of the Boards are applied to the general uses of the library.

Philip Henry Brown Library Fund. This fund of $2000, the income of which is devoted to the purchase of books on rhetoric and literature, was given in 1901 by the executor of the estate of Captain John Clifford Brown in fulfillment of the latter's desire to establish a memorial of his father, Philip Henry Brown, Esq., of the Class of 1851.

Drummond Library Fund. This fund of $3000 is a memorial of the Rev. James Drummond, of the Class of 1836, and was given in 1907 by his widow and his daughter, Mrs. Charles F. Dole, of Boston, Mass.

Class of 1877 Library Fund. This fund of about $1000 is a class contribution. Its income is not yet available for the purchase of books.

Class of 1882 Library Fund. This fund of $2000 was given by the Class of 1882 as its contribution to the permanent funds of the college in 1908.

Class of 1890 Library Fund. This fund of about $1000 is a class contribution. Its income is not yet available.

Class of 1901 Library Fund. This fund of about $1000 is a class contribution. Its income is not yet available.

MEDICAL SCHOOL OF MAINE

Faculty

REV. WILLIAM DEWITT HYDE, D.D., LL.D., PRESIDENT.

ALFRED MITCHELL, M.D., LL.D., DEAN, *Professor of Internal Medicine.*

FREDERIC HENRY GERRISH, M.D., LL.D., *Professor of Surgery.*

FRANKLIN CLEMENT ROBINSON, A.M., LL.D., *Professor of Chemistry.*

LUCILIUS ALONZO EMERY, LL.D., *Professor of Medical Jurisprudence.*

CHARLES DENNISON SMITH, A.M., M.D., *Professor of Physiology.*

ALBERT ROSCOE MOULTON, M.D., *Professor of Mental Diseases.*

WILLIS BRYANT MOULTON, A.M., M.D., *Professor of Ophthalmology and Otology.*

JOHN FRANKLIN THOMPSON, A.M., M.D., *Professor of Diseases of Women.*

ADDISON SANFORD THAYER, A.B., M.D., *Professor of Diseases of Children.*

FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Pathology and Bacteriology.*

EDWARD JOSEPH McDONOUGH, A.B., M.D., *Professor of Obstetrics.*

CHARLES BRYANT WITHERLE, A.B., M.D., *Professor of Neurology.*

WALTER EATON TOBIE, M.D., *Professor of Anatomy.*

HENRY HERBERT BROCK, A.B., M.D., *Assistant Professor of Clinical Surgery.*

WILLIAM HERBERT BRADFORD, A.M., M.D., *Assistant Professor of Surgery.*

CHARLES HENRY HUNT, A.B., M.D., *Lecturer on Materia Medica and Therapeutics.*

ALFRED MITCHELL, Jr., A.B., M.D., *Instructor in Genito-Urinary Surgery.*

GUSTAV ADOLF PUDOR, A.B., M.D., *Instructor in Dermatology.*

EDVILLE GERHARDT ABBOTT, A.M., M.D., *Clinical Instructor in Orthopedic Surgery.*

GILBERT MOLLESON ELLIOTT, A.M., M.D., *Demonstrator of Anatomy.*

RICHARD DRESSER SMALL, A.B., M.D., *Instructor in Obstetrics.*

HERBERT FRANCIS TWITCHELL, M.D., *Instructor in Clinical Surgery.*

ARTHUR SCOTT GILSON, M.D., *Instructor in Clinical Surgery.*

WILLIAM LEWIS COUSINS, M.D., *Instructor in Clinical Surgery.*

JAMES ALFRED SPALDING, A.M., M.D., *Clinical Instructor in Ophthalmology and Otology.*

GILMAN DAVIS, M.D., *Instructor in the Diseases of the Nose and Throat.*

JAMES EDWARD KEATING, A.B., M.D., *Instructor in Internal Medicine.*

W. BEAN MOULTON, A.B., M.D., *Instructor in Diseases of Women.*

FRED PATERSON WEBSTER, M.D., *Instructor in Diseases of Children.*

EDWIN WAGNER GEHRING, B.S., M.D., *Instructor in Physiology.*

THOMAS JAYNE BURRAGE, A.M., M.D., *Demonstrator of Histology.*

WALLACE WORDSWORTH DYSON, M.D., *Instructor and Assistant Demonstrator in Anatomy.*

CHARLES LANGMAID CRAGIN, M.D., *Assistant Demonstrator of Anatomy.*

PHILIP PICKERING THOMPSON, A.B., M.D., *Assistant Demonstrator of Anatomy.*

Faculty

PHILIP WEBB DAVIS, A.B., M.D., *Clinical Assistant in Surgery.*

WILLIAM MORAN, M.D., *Clinical Assistant in Diseases of the Eye.*

ALFRED WILLIAM HASKELL, M.D., *Clinical Assistant in Surgery.*

ERNEST WOODBURY FILES, A.B., M.D., *Clinical Assistant in Medicine.*

FRANCIS JOSEPH WELCH, A.B., M.D., *Clinical Assistant in Medicine.*

GEORGE THOMAS LITTLE, LITT.D., *Librarian.*

HON. WILLIAM PIERCE FRYE, LL.D., *from the Board of Trustees.*

FRANKLIN CONANT PAYSON, ESQ., A.M., *from the Board of Overseers.*

HON. JOHN BAKEMAN REDMAN, A.M., *from the Board of Overseers.*

BENJAMIN FRANKLIN STURGIS, M.D., *Visitor from the Maine Medical Association.*

ALBERT LINSCOTT STANWOOD, M.D., *Visitor from the Maine Medical Association.*

General Statement

The Medical School of Maine, established by the first legislature of the State, was by its charter placed under the control of the Boards of Trustees and Overseers of Bowdoin College, of which institution it is the Medical Department.

Its course of instruction covers four years of eight months each. The studies are distributed through the curriculum according to the following schedule:

First Year: Anatomy, Embryology, Histology, Physiology, Chemistry, and Personal Hygiene.

Second Year: Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

Third Year: Internal Medicine, Surgery, Materia Medica and Therapeutics, Diseases of Women, Obstetrics, Diseases of the Skin.

Fourth Year: Internal Medicine, Surgery, Materia Medica and Therapeutics, Medical Jurisprudence, Public Hygiene, Diseases of Women, Diseases of Children, Diseases of the Mind, Neurology, Clinical Instruction in Diseases of the Skin, Diseases of the Genito-Urinary System, Diseases of the Eye, Diseases of the Ear, Diseases of the Joints, Diseases of the Nose and Throat.

The students of the first and second years are instructed at Brunswick, where the school has been situated since its foundation in 1820, and where the facilities are excellent for imparting a knowledge of the primary branches. The third and fourth year classes are taught in Portland on account of the superior clinical advantages afforded in that city. The building designed for the use of the school and now occupied by it furnishes ample accommodations for the advanced classes. The location of the building is on Chadwick Street, near the Maine General Hospital, in which institution nearly all the teachers in the school are medical or surgical officers, and the Directors of which are in full sympathy with the purposes of the Faculty.

While the Maine General Hospital is the chief source of supply of clinical material for the school, Portland has a number of other institutions such as the Maine Eye and Ear Infirmary, the Portland Charitable Dispensary, the Children's Hospital, Female Orphan Asylum,

St. Elizabeth's Orphan Asylum, the Holy Innocents Home, the Maine School for the Deaf, which will contribute to the bedside instruction of the students; and the various teachers, as opportunity permits, will show individual pupils interesting cases in their private practice.

The ninetieth annual course began on Thursday, the 21st of October, 1909, and will continue eight months.

Examinations for *admission to the school* will be held at 9 A. M. on Thursday, October 20, 1910, in Brunswick. Final examinations for each class will be held in the period from June 8 to 22, 1910, inclusive.

Re-examinations, deferred examinations and examinations for advanced standing for those who desire to enter the second year will be held in Brunswick, on Friday, October 21, 1910, examination in anatomy at 9 A. M., in physiology at 2 P. M. Re-examinations, deferred examinations and examinations for advanced standing for those wishing to enter the third year will be held in Portland on Saturday, October 22, 1910, examination in anatomy at 9 A. M., in physiology at 2 P. M. Re-examinations, deferred examinations, and examinations for those wishing to enter the fourth year will be held in Portland on Friday and Saturday, October 21 and 22, 1910, at hours to be hereafter appointed.

At the end of the first, second and third years, students who have passed successful examinations will receive certificates from the Dean.

A student who fails to pass any branch at the required examination in June may present himself for re-examination at the beginning of the next course. If he fails at this examination, he shall not again be examined in that branch until the expiration of the year, unless admitted to conditions by vote of the faculty on recommendation of the head of the department in which he has failed.

On recommendation of the head of a department, any student who has failed on examinations as above provided in the study of that department may by vote of the faculty be allowed to enter upon the work of the next year, but he shall not be admitted to any examination of that year until he shall have passed a satisfactory examination in the study or studies which he has previously failed to pass.

No student will be admitted to the privilege of conditions if he has failed in more than two departments.

Every student who fails to maintain a satisfactory standard of work

will be warned of his deficiency from time to time, before the end of the term.

An examination which is not completed receives no consideration.

The systematic courses of instruction will begin on Monday morning, October 24, 1910.

On arriving in Brunswick students should apply at the office of the Dean in the medical building, enter their names, receive directions concerning their examinations, if any are needed, pay their fees and be advised as to boarding-places.

In Portland they should apply at the office in the medical building for the same purposes. Dr. Charles D. Smith will act as deputy dean.

EXPENSES

For Instruction: In each of the required four years, $100. After attendance upon four full courses, payment of the matriculation fee only will be required.

For Examinations: Payable at the close of the term of instruction —

In Anatomy	$5.00
In Physiology	5.00
In Chemistry	5.00
Bacteriology and Pathology	5.00
Obstetrics	5.00

These five fees are credited on the diploma or graduation fee.

For every re-examination in any of the departments in any year, $3.00. This fee is not credited on the diploma fee.

For examination or re-examination in any branch, at a time not regularly appointed, a fee of $5.00 must be paid, in addition to the prescribed fee for that examination.

Miscellaneous: The matriculation fee of $5.00 is required of every student each year.

For materials used in the chemical laboratory courses, $3.00 for the first course, $2.00 for the second course, payable in advance at the Dean's office.

For materials used in the physiological laboratory, $2.00 for first

course, $1.00 for second course, payable in advance at the Dean's office.

For anatomical material, its cost.

For graduation fee (not returnable), including the parchment diploma, $25.00. This will have been paid in the examination fees in the previous years.

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Graduates of other schools are not eligible for a degree from this school without attendance upon a full course of instruction immediately preceding the examination for such a degree.

All fees must be paid in cash and in advance.

Furnished rooms outside the College can be obtained at a rental of from $1.50 to $2.50 per week according to the conveniences. A sharing of the above expenses by two students brings the cost within reasonable limits.

The price of board is from $3.00 to $4.00 a week.

The cost of living in Portland has been found to be not in excess of that at Brunswick.

$15 to $25 a year covers the cost of books.

REQUIREMENTS FOR ADMISSION

The requirements for admission correspond to the requirements laid down by the Association of American Medical Colleges, with the exception that one year of Chemistry is specifically required. These requirements are as follows:

Section 1. (a) A bachelor's degree from an approved college or university.

(b) A diploma from an accredited high school, normal school, or academy requiring for admission evidence of the completion of an eight-year course in primary and intermediate grades, and for graduation not less than four years of study embracing not less than two years (4 points) of foreign languages, of which one must be Latin, two years (4 points) of mathematics, two years (4 points) of English, one year (2 points) of history, two years (4 points) of laboratory science, and six years (12 points) of further credit in language, literature, history or science.

(c) An examination in the following branches: A. Required (18 points): Mathematics (4); English (4); history (2); language (4—2 must be Latin); science (taken from physics, chemistry, botany, zoölogy; 4). B. Optional (12 points); English (2); history (6); language (6); manual training (2); mechanical drawing (1); natural science (botany, zoölogy; 2); physical science (chemistry, physics; 2); trigonometry (1); astronomy (1); civics (1); geology (1); physical geography (1); physiology and hygiene (1); political economy (1)—not more than 3 points accepted.

(One point in any subject in a high school or academic course demands not less than five periods per week of forty-five minutes each for eighteen weeks.)

(d) Certificates from reputable instructors recognized by the superintendents hereinafter to be mentioned, or by any state board of medical examiners duly authorized by law, may be accepted in lieu of any part of this examination.

Section 2. This examination will be conducted by the Superintendent of Schools of Brunswick.

Section 3. A student may be allowed to enter on his medical work conditioned in not more than six points, and these conditions must be removed by satisfactory examination before he is allowed to enter on the second year of his medical course.

Business colleges are not recognized.

Students from other schools who apply for advanced standing must comply with the requirements for admission to the first year, must give satisfactory evidence that they have completed a course or courses of instruction, equivalent in kind and amount to that or those in this school preceding that to which admission is sought, and must pass examinations in all of the branches previously pursued by the class which they wish to enter. Certificates of the passage of examinations in other schools are not accepted in lieu of examinations.

Students in the Senior Class of the Academic department are permitted to take the studies of the first year in the Medical department and thus are eligible for the first year final Medical examinations.

It is desired that a literal interpretation shall be placed upon the stated requirements of the candidates for matriculation, as hitherto there have been not infrequent examples of those who

inquire if other conditions than those named will not serve in lieu of the examination. The same consideration is asked for the explicit condition named as regulating the pre-payment of fees in cash.

The Boards of Trustees and Overseers of Bowdoin College on recommendation of the Faculty have voted that in and after 1912 one year of study in a reputable college will be required for admission to the Medical Department, in which time particular attention shall be bestowed upon physics, chemistry, biology and either French or German. It is advised that students take two years of college work along the same lines.

GRADUATION

A candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution; and the last course previous to examination must have been in this school. He must present a satisfactory certificate of good moral character from a citizen of the place in which he resides. He must also pass a satisfactory examination in the required studies, previously specified, and present a thesis on some medical subject, a fair copy of which must be handed to the Dean at least ten days before the beginning of the final examinations.

Time spent in pharmacy, in dental and veterinary institutions, and in preparatory schools does not entitle a student to examination for advanced standing.

A student who has received the degree of A.B., S.B., or any similar degree after four years of study in a recognized college or technical school, may, if his studies have included a satisfactory amount of chemistry, physics and biology, be admitted as a second-year student; but when so admitted, he cannot gain third-year standing until he has passed satisfactory examinations in the studies of the first and second years. The faculty of this School are unanimously of the opinion that only under most exceptional conditions should this requirement be made available, and that practically a student ought not to enter upon the studies of the second year until he has passed satisfactory examinations in the studies of the first year.

Medical School of Maine

METHODS OF INSTRUCTION

In order to give to prospective students an idea of the facilities presented by this institution for acquiring a knowledge of the science and art of medicine, a brief statement is here made of the scope of the work in each department, and the methods adopted for imparting instruction.

ANATOMY. The course in this branch extends over two years, and covers every portion of human anatomy with special reference to its application in the practice of medicine and surgery. The scope is so extensive as to require a number of instructors and a division of the work; but an attempt is made to harmonize the various divisions and enable students to spend their time to the best possible advantage. In the lecture room every part of human anatomy is taken up by systems as arranged in Gerrish's Text-Book. Some subjects are treated by lectures and many by demonstrations, but the greater part of the work consists of recitations and demonstration quizzes.

First-year students study embryology, histology, osteology, arthrology, and visceral anatomy, including the study of the cerebro-spinal axis and organs of the special senses. Second year work includes the remainder of systematic anatomy and relational anatomy. The class-room work is made valuable by the exhibition of dissected parts, models, and casts; and from time to time students are required to present drawings of different organs. Considerable attention is also paid to surface anatomy, which is studied on the living model.

During the first year, every tissue and organ is studied microscopically in the histological laboratory and reproduced by free-hand drawing. Late in the year, first-year students dissect some of the higher vertebrates or such parts of human anatomy as are included in their work. In this way they not only reinforce their text-book knowledge but acquire manual dexterity invaluable to them for the dissecting-room work of their second year. The instruction in embryology is given by means of lectures, demonstrations and quizzes.

The practical gross anatomy is taken up late in the second year after the entire subject of anatomy has been studied by systems in the class-room. A period of six weeks is devoted to this work, during which time no other exercises are held for second-year men in this or

any other department, and each student is required to dissect an entire lateral half of the human body.

At the end of the first year, students are required to pass a written and an oral examination in the work of the year and to identify organs and tissues that they have studied, gross and microscopic. Second-year students must pass a written and oral examination in the work of their year and identify the parts of the dissected human subject.

Before coming to the school, students can do much to equip themselves for appreciation of human anatomy by making dissections of some lower animals, and are advised to follow the directions prescribed in Physiology Practicums which will be sent post-paid for one dollar by the author, Prof. B. G. Wilder, Ithaca, N. Y.; or Davison's Mammalian Anatomy.

The Anatomical Museum is well supplied with wet and dry specimens, casts and models; and a large number of disarticulated skeletons are provided which may be borrowed by the class.

PHYSIOLOGY. Instruction in this department is conducted with reference to the practical application of the facts of human physiology to the needs of the student, in his study of the diagnosis and treatment of disease. Class-room demonstrations and experimental laboratory teaching are employed, so far as they can be made to serve this purpose. The instruction will be given by practical laboratory work, text-book recitations, and supplementary lectures. The laboratory is fully equipped with the Harvard apparatus.

The work of the first year will be devoted to study by practical laboratory exercises, extending over half the term, of the functions of Nutrition. Special attention will be given to the physiology of Nerve and Muscle, of the Blood, including its microscopical study, Digestion and the phenomena and physics of Circulation and Respiration. Students will be taught to demonstrate for themselves the essential facts connected with these functions. Written reviews will be held from time to time besides regular quizzes upon both the didactic and laboratory work. The work of the second year will be devoted to the study of Reproduction, the Nervous System, the Special Senses, and Voice and Speech.

The department is well equipped with charts, models, and apparatus for demonstration and experimental work, admirably adapted to aid in giving students a thoroughly practical course in Physiology.

A laboratory fee of $2.00 will be charged. Students will furnish

their own instruments for nerve-muscle dissection, and will be charged with the cost of any injury of apparatus.

In connection with this course several hours will be devoted to the subject of Personal Hygiene.

CHEMISTRY. The chemical courses extend over the first two years. They consist of lectures, conferences and laboratory work, occupying from five to nine hours per week for each class. As a knowledge of general inorganic chemistry is required for admission, first-year men begin with the application of general chemistry to the qualitative analysis of simple substances. This is followed by the principles and practice of quantitative analysis, especially volumetric. The examples used in analysis are selected with special reference to the work of a physician, and include water, air and the inorganic poisons. The analytical courses take the first half year. The second half year with first-year men is given to general organic chemistry, in which the structure, preparation, and relation of structure to properties are illustrated in cases of the simpler compounds. Second-year students begin with a study of the more complex organic compounds related to medicine, such as the synthetic coal-tar compounds, the alkaloids, ptomains, and leucomains. This is followed by physiological chemistry, including analysis of urine and other secretions.

The aim is to make the chemical courses as practical as possible. To this end the student is taught to prepare many of the solutions and test substances, as well as to use them. He is taught also how to construct apparatus, manipulate glass tubing, etc. The facilities afforded by the Searles Science Building make it possible to do this to an unusual degree.

Students who have completed in other schools courses of study equivalent to the above, may, upon examination, be excused from any of them.

Each student is required to pay in advance a laboratory fee, covering the average cost of chemicals, gas and water. This is $3.00 for the first-year men and $2.00 for the second. In addition each will pay for apparatus broken or not returned at the end of the term.

OBSTETRICS. Instruction in this department will be given by lectures and recitations. The instructor in Obstetrics will demonstrate for the class, in sections, work on the manikin ; the diagnosis of position and presentation, the mechanism of normal labor; the manœuvres necessary in the delivery of abnormal cases, version and application of

forceps. Each member of the class will have a chance to perform these various manipulations.

It is hoped that an arrangement will be made whereby the city maternity cases will be at the disposal of the teachers, so that clinical instruction may be given to the class in sections, and individual cases furnished for each member.

Internal Medicine. Instruction in this department continues throughout the third and fourth years. During the first half of the third year the time is devoted mainly to the study of Diagnosis. The remaining weeks of the course include consideration of special diseases following the order usually found in standard text-books. The fourth year comprehends the study of such special diseases as were not considered in the preceding year.

In connection with this department there will be given as time affords special and additional instruction relating to the conduct of life insurance examinations.

During both years class-room instruction is given didactically and by means of regular recitations.

A clinic is held at the Maine General Hospital upon each Thursday morning from nine to eleven o'clock; the material being received from the wards of the hospital and occasionally from outside sources.

Care is taken to afford the students opportunities for personal examination of cases with the prominent object of having them become familiar with physical signs. At the Maine Eye and Ear Infirmary the students of this school are offered the opportunity of attending the clinics as often and as frequently as time will allow them to do so. Cases may be seen here which pertain to internal medicine.

This department recognizes with that of Surgery our special indebtedness to the Staff of the Portland Charitable Dispensary in that it affords sections of our classes opportunities for clinical observation and physical exploration.

It is hoped that material of the City Hospital and patients out of the hospital, under the care of the City Physician, may be made available during the current year.

Pathology and Bacteriology. The new, commodious, and amply equipped laboratory in Seth Adams Hall gives excellent facilities for instruction in bacteriology and pathological histology. The

course in clinical pathology is given in the laboratory at the school building in Portland.

Instruction is given by lectures, recitations, and laboratory work. For convenience it is divided into four courses.

1. Bacteriology. This course is given to second-year students, and occupies fourteen hours a week from the beginning of the term until the Christmas recess. Each student is required to cultivate on media twelve varieties of pathogenic bacteria and to study their characteristics. Principles of disinfection are studied, and verified by experiment. A limited number of inoculation experiments are performed. Students make bacteriological examination of water and milk. Special attention is given to the laboratory diagnosis of tuberculosis, diphtheria and typhoid fever.

2. General Pathology, including Pathological Histology. This course is given to second-year students. Instruction occupies fourteen hours each week, and lasts from January 1st to April 1st. McFarland's text-book is used as a basis for this course. The text-book is supplemented by lectures on special subjects. As far as possible the consideration of a subject in the class-room is followed by a study of the same subject in the laboratory. During the latter part of the course much time is given to diagnosis work upon microscopical preparations.

3. Blood Examination. This is a short course given to second-year students during the last week in May and the first week in June. Students are trained in counting the red and white corpuscles, in estimating the amount of hemoglobin, in preparing and examining fresh and stained specimens.

4. Clinical Pathology. This course is given to third-year students. It includes instruction given as opportunity occurs at the surgical clinics and autopsies, also a fifty-hour course at the school laboratory in Portland. In this course each student examines microscopically the tissues and other pathological material obtained at the Maine General Hospital. The Maine Eye and Ear Infirmary also furnishes pathological material and offers an opportunity for advanced students to do practical work in the laboratory of the Infirmary.

SURGERY. The instruction in surgery is given by lectures, recitations, demonstrations, clinics, diagnosis exercises on the patient, and operations on the cadaver. It extends throughout the third and fourth

years of the course, and in the highest possible degree is practical in character.

In the didactic course the recitation method is employed for the most part, as being particularly helpful to the students, — necessitating careful preparation of each lesson, allowing no essential point to be slighted, and stimulating pride by the certainty of each that his work will be compared with that of his fellows. But the lecture method is used whenever it seems serviceable, as in the introduction of new topics, the presentation of the salient features of unfamiliar subjects, and the explanation or amplification of matters not adequately treated in the text-book.

The students perform a large variety of operations upon the cadaver, under the immediate direction and supervision of the teacher. The application of bandages and other dressings is taught in the most practical manner.

The principal clinical teaching is given at the Maine General Hospital by the six visiting surgeons, all of whom are professors, assistant professors, or clinical instructors in the school. Twice in each week some of these teachers hold exercises in diagnosis, in which the students are instructed in proper methods, and privileged to make personal examination of cases. Sections of the class are taken in turn through the wards, and are given opportunities for the observation of the after-treatment and progress of patients, upon whom they have seen operations performed. A system of notification by telephone enables the students to obtain prompt information of accident cases, which are brought into the hospital. The amount of clinical material at this institution far exceeds the capacity of the classes to appropriate it without neglecting other and essential studies. The surgeons of the Portland Charitable Dispensary permit sections of the class to observe cases at their daily service — a privilege highly valued and constantly accepted, as the kind of diseases is largely different from those usually seen at the hospital. The City Hospital, also, occasionally presents interesting and useful material.

Materia Medica and Therapeutics. Instruction in this department is given during the third and fourth years.

In the third year the teaching is by lectures and quizzes. Special attention is given to the study of pharmacology, or the action of drugs, as it is only by a thorough knowledge of this part of the subject that

medicines can be properly employed for the correction of the abnormal conditions found in disease.

Considerable time, every week, is devoted to prescription writing. By this exercise, students not only learn to write prescriptions correctly, but to make application of their knowledge of drugs in the treatment of disease. They are required to prescribe for supposed patients, a description of whose symptoms has been given them. These prescriptions are put before the class for criticism and discussion, and have proved very useful in making their knowledge of drugs definite and practical.

In the fourth year the lectures and quizzes will be continued, and there will also be a recitation course in practical therapeutics. These courses supplement each other. In the course in Materia Medica individual drugs are studied, and their modification of certain conditions, which may be found in many different diseases. In the course on therapeutics, a study is made of the symptoms of a given disease, and of the different drugs that may be employed to relieve them.

Medical Jurisprudence. The instruction in Medical Jurisprudence will be directed mainly to an exposition of the legal duties and responsibilities of physicians and surgeons to their patients, and also to an exposition of their character and position as medical expert witnesses in courts of justice. Practical suggestions will be given for guidance in both respects.

Gynæcology. The course in Diseases of Women will continue through the third and fourth years. By a new arrangement, third-year students will have work mainly didactic in character.

Dr. Willis Bean Moulton will in the fourth year conduct a course in the Pathology of Diseases of Women.

There will also be weekly clinics for fourth-year students, at which the examination of female patients will be an important feature.

Diseases of Children. Instruction will be given, as heretofore, by recitations, lectures, clinical demonstrations, and study of cases by individual students with reports and discussions by members of the class. During the past year, clinical opportunities have been furnished by the Children's Hospital, the Female Orphan Asylum, the St. Elizabeth's Orphan Asylum, the Holy Innocents' Home, the Portland Charitable Dispensary, the Maine General Hospital, the Maine Eye

and Ear Infirmary, the Maine School for the Deaf, and by the city physician of Portland and by other practitioners, from their private practice.

MENTAL DISEASES. The professor of this department is chief medical officer of the Pennsylvania Hospital for the Insane. Especial efforts are made to instruct the students in the early recognition of insanity with a view to the institution of treatment at the time when it is most productive of good results.

OPHTHALMOLOGY AND OTOLOGY. The instruction in these departments will be given by lectures and clinics. A weekly clinic will be held at the Hospital on Saturday, at 8.30 A.M. The various diseases will be described as cases illustrating them are available for demonstration; operations will be performed when required; and other treatment applied as may be necessary.

Daily clinics are also held at the Portland Charitable Dispensary and the Maine Eye and Ear Infirmary, to which the students have access.

PUBLIC HYGIENE. Instruction is given by the Professor of Physiology who is a member of the State Board of Health, with lectures upon the principles of Public Sanitation, considering the source and character of public water supplies and the collection and disposal of waste, with special reference to preventable diseases.

Several hours are devoted to sanitary legislation and the relations and obligations of the practising physician to the public and to health boards in the management of infectious diseases.

NEUROLOGY. Instruction in Neurology will be given to the fourth class each week throughout the course by lectures, clinics and quizzes, two hours of each week being devoted to such instruction.

GENITO-URINARY SURGERY. Instruction in Genito-Urinary Surgery will be given to the fourth class each week during the first half of the course.

DERMATOLOGY. Instruction in Dermatology will be given to the third class each week during the first twenty-four weeks.

ORTHOPEDIC SURGERY. A clinic in Orthopedic Surgery will be held at the Hospital on each Friday, at 9 A.M.

DISEASES OF THE NOSE AND THROAT. The fourth class will receive weekly instruction, both didactic and clinical, in Diseases of the Nose and Throat.

THE LIBRARY

The Library of the Medical School, containing 5000 volumes, has been combined with that of the College. Both collections, numbering together 95,000 volumes, are under the same administration and are at the service of the medical students. The more recently published medical works and current numbers of professional journals are kept in a separate room in the main library building for the especial use of these students. It is not the policy of the school to furnish text-books through its library, or to buy largely in medical literature; yet, by means of the catalogue of the Library of the Surgeon General's Office and the system of inter-library loans, the librarian is able to procure for use in serious investigation almost any book that may be desired.

Text-Books

ANATOMY. Gerrish. For reference, Cunningham, Piersol, Quain. Applied Anatomy, Bardeleben. For use in Histological Laboratory, Ferguson.

PHYSIOLOGY. For recitation, Brubaker's Text-book of Physiology. For reference, Landois, Howell's American Text-book of Physiology. For laboratory, Hall's Experimental Physiology. For reference, Porter's Introduction to Physiology and Sterling's Practical Physiology.

CHEMISTRY. Rockwood's Chemical Analysis for Medical Students and Physiological Chemistry. For reference, Simon, Remson, Ogden, Holland. For use in laboratory, Robinson's Qualitative Chemical Analysis.

PUBLIC HYGIENE. For reference, Harrington, Coplin and Bevan, Parke's Practical Hygiene, Abbott's Hygiene of the Transmissible Diseases.

MATERIA MEDICA AND THERAPEUTICS. For recitation, Hare. For reference, White and Wilcox, H. C. Wood, Cushney, Stevens.

Text-Books

PRACTICE OF MEDICINE. Osler, Hare, Tyson. For reference, Strumpell, Loomis and Thompson's System of Practical Medicine.

DIAGNOSTIC METHODS. Sahli.

PHYSICAL DIAGNOSIS. Dacosta, Cabot, Greene.

BACTERIOLOGY. For reference, Abbot, McFarland, Park, Williams.

PATHOLOGY. For recitation, McFarland. For reference, Adami, Ziegler, Delafield and Pruden, Coplin, Green.

CLINICAL PATHOLOGY. For reference, Mallory and Wright, Lenhartz-Brooks, Wood, Stett, Todd.

SURGERY. For recitation, Brewer. For reference, Park. Minor surgery, Foote. Surgical pathology, Warren. Surgical diagnosis, Berg. Applied surgical anatomy, Woolsey. Operative surgery, Binnie, Bickham.

OBSTETRICS. Williams, Webster, Edgar, Hirst, Reynolds, Newell.

DISEASES OF WOMEN. Dudley, Penrose, Reed, Kelly (2 vols.).

DISEASES OF CHILDREN. Holt, Rotch, Williams.

MEDICAL JURISPRUDENCE. Taylor with Bell's Notes, Ewell.

DISEASES OF THE EYE. Nettleship, Swanzay, De Schweinitz.

DISEASES OF THE EAR. Bacon, Field.

NEUROLOGY. Dana, Church, Peterson, Starr.

DERMATOLOGY. Van Harlingen's Diseases of the Skin. Shamberg's Diseases of the Skin.

ORTHOPEDIC SURGERY. Bradford and Lovett.

GENITO-URINARY SURGERY. Caspar, Morton, Ballenger.

NOSE AND THROAT. Bishop, Knight, Kyle, Ballinger. For reference, L. Brown.

DICTIONARIES. Dorland Illustrated, Gould, Dunglison.

ALUMNI ASSOCIATIONS AND SPECIAL FITTING SCHOOLS

Alumni Associations

THE GENERAL ASSOCIATION

President, FRANKLIN CONANT PAYSON, Esq., A.M.; *Vice-President*, CHARLES TAYLOR HAWES, Esq.; *Secretary and Treasurer*, GEORGE THOMAS LITTLE, Litt.D., Brunswick, Me.

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KENNEBEC ALUMNI ASSOCIATION

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ASSOCIATION OF PROVIDENCE, R. I.

President, FRANK HERBERT SWAN, Esq.; *Secretary*, ALFRED PERLEY WARD, Esq., 79 Westminster Street.

ASSOCIATION OF AROOSTOOK COUNTY

President, HON. FREDERICK ALTON POWERS; *Secretary*, ROLAND EUGENE CLARK, Esq., Houlton, Me.

ALUMNI RECORD

It is desired to keep as full a record as possible of the residences, occupations, and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the college.

Communications should be addressed to the College Librarian.

* Deceased.

Special Fitting Schools

The schools noticed on the following pages have been constituted special Fitting Schools for Bowdoin College by the action of their several Boards of Trustees, in concurrence with the College Boards. They are annually examined by representatives of the college. Graduates of the schools, however, are required to pass the regular college entrance examinations for admission, at the same dates and under the same conditions as are prescribed for students of other preparatory schools, unless the school is approved by the New England College Entrance Certificate Board.

FRYEBURG ACADEMY

Fryeburg, Me.

INCORPORATED FEBRUARY 9, 1792.

RIDGLEY COLFAX CLARK, A.B., *Principal.*

This school offers four courses of study, of four years each:

I. A Classical College Preparatory Course.
II. A Scientific College Preparatory Course.
III. A Business Course.
IV. An Agricultural Course.

The Academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. The cost of tuition is $10.00 per term for all branches, drawing, painting and manual training included.

BOARD. The cost of board in the dormitories is $4.00 a week, including heating and lights.

CALENDAR

Fall Term of 14 weeks began September 21, 1909.
Winter Term of 12 weeks begins December 28, 1909.
Spring Term of 11 weeks begins April 5, 1910.
Fall Term of 15 weeks begins September 21, 1910.
Examiner appointed by the college for 1909-1910: Professor Files.

WASHINGTON ACADEMY

East Machias, Me.

INCORPORATED MARCH 7, 1792.

RALPH STANLEY SMITH, A.B., *Principal.*

This Academy offers three courses of study:

I. A College Preparatory Course of four years.
II. A Scientific Course of four years.
III. An English-Commercial Course of four years.

The Academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. The tuition fee is $8.00 a term, and covers all expenses for laboratory and commercial equipment. Vocal music and elocution are offered free to all students.

BOARD. The cost of board and room is from $3.50 to $4.00 per week. Rooms can be obtained at very low rates by students who wish to board themselves. There are exceptional opportunities for students who wish to work for their board.

CALENDAR

Fall Term of 14 weeks began September 6, 1909.
Winter Term of 12 weeks begins December 27, 1909.
Spring Term of 12 weeks begins March 28, 1910.
Examiner appointed by the college for 1909–1910: Professor Ham.

LINCOLN ACADEMY

Newcastle, Me.

INCORPORATED FEBRUARY 23, 1801.

HENRY KIRKE WHITE, A.M., *Principal.*

This school offers three courses of study:

I. A College Preparatory Course, of four years.
II. An English and Business Course, of four years.
III. Teacher's Training Course, of four years.

The academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. The cost of tuition is $10.00 per term.

BOARD. Board can be obtained at from $3.00 to $4.00 per week. Rooms for self-boarding may be secured at reasonable rates.

CALENDAR

Fall Term of 14 weeks began September 7, 1909.
Winter Term of 13 weeks begins December 27, 1909.
Spring Term of 11 weeks begins April 4, 1910.
Examiner appointed by the college for 1909–1910: Assistant Professor Nixon.

THORNTON ACADEMY

Saco, Me.

INCORPORATED FEBRUARY 16, 1811.

ERNEST ROLISTON WOODBURY, A.M., *Principal.*

This academy offers four courses of study, of four years each:

I. A Classical College Preparatory Course.
II. A Scientific College Preparatory Course.
III. An English Course.
IV. A Business Course.

The academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. Tuition in each course is $10.00 a term, payable in advance. Those desiring to take special studies will be charged $5.00 a term for each study.

BOARD. Board can be obtained in the city at from $4.00 to $6.00 a week.

BOOKS. Students not residents of Saco must purchase their own books.

Bowdoin College

CALENDAR

Fall Term began September 14, 1909.
Winter Term begins January 4, 1910.
Spring Term begins April 5, 1910.
Fall Term begins September 13, 1910.
Examiner appointed by the college for 1909–1910: Mr. Snow.